



睿松微电子  
SAGACITY ANALOG

# 产品选型手册

2025

模拟 IC 解决方案

电源管理合作伙伴

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| 超高增益高精度运算放大器 |                         |    |            |               |              |                |             |                                                |            |
|--------------|-------------------------|----|------------|---------------|--------------|----------------|-------------|------------------------------------------------|------------|
| 产品型号         | Power supply(V)<br>max. | CH | Pd<br>(mW) | S/R<br>(V/us) | GBW<br>(MHz) | Offset<br>(uV) | AVO<br>(dB) | 注释                                             | 封装         |
| RB-OP77A     | ±18                     | 1  | 60         | 0.1           | 0.4          | 25             | 134         | AVO is guaranteed by ±15V power supply testing | SOP-8/Chip |
| RB-OP77F     | ±18                     | 1  | 60         | 0.1           | 0.4          | 60             | 126         | AVO is guaranteed by±15V power supply testing  | SOP-8      |
| RB-OP77N     | ±18                     | 1  | 60         | 0.1           | 0.4          | 40             | 126         | AVO is guaranteed by ±15V power supply testing | Chip       |
| RB-OP77G     | ±18                     | 1  | 60         | 0.1           | 0.4          | 75             | 120         | AVO is guaranteed by ±15V power supply testing | Chip       |
| RB-OP07      | ±18                     | 1  | 150        | 0.1           | 0.4          | 150            | 102         | AVO is guaranteed by ±15V power supply testing | SOP-8/Chip |

| 运算放大器  |                               |                               |    |                          |               |              |               |                           |                                       |
|--------|-------------------------------|-------------------------------|----|--------------------------|---------------|--------------|---------------|---------------------------|---------------------------------------|
| 产品型号   | V <sub>DD</sub><br>(V)<br>min | V <sub>DD</sub><br>(V)<br>max | CH | I <sub>OUT</sub><br>(mA) | S/R<br>(V/us) | GBW<br>(MHz) | Offse<br>(mV) | 注释                        | 封装                                    |
| RB1577 | 4.5                           | 19.5                          | 1  | 400                      | 80            | 35           | 3             | Rail-to-Rail Output       | SOT-23-5/<br>TDFN3X3-8/<br>MSOP-8(FD) |
| RB1562 | 4.5                           | 20                            | 1  | 65                       | 150           | 30           | 2             | Rail-to-Rail Input/Output | TSOT-23-5                             |
| RB1563 | 4.5                           | 20                            | 2  | 65                       | 150           | 30           | 2             | Rail-to-Rail Input/Output | MSOP-8                                |
| RB1564 | 4.5                           | 20                            | 4  | 65                       | 150           | 30           | 2             | Rail-to-Rail Input/Output | TSSOP-14                              |

| 高增益运算放大器  |                               |                               |    |                        |                        |               |              |              |                |             |                                                 |                      |
|-----------|-------------------------------|-------------------------------|----|------------------------|------------------------|---------------|--------------|--------------|----------------|-------------|-------------------------------------------------|----------------------|
| 产品型号      | V <sub>DD</sub><br>(V)<br>min | V <sub>DD</sub><br>(V)<br>max | CH | I <sub>B</sub><br>(pA) | I <sub>Q</sub><br>(uA) | S/R<br>(V/us) | GBW<br>(MHz) | CMRR<br>(dB) | Offset<br>(uV) | AVO<br>(dB) | 注释                                              | Package              |
| RSXOP9001 | 1.8                           | 5.5                           | 1  | 2                      | 80                     | 0.45          | 1            | 99           | 1600           | 116         | EMI<br>Hardened<br>Rail-to-Rail<br>Input/Output | SOT-23-5/<br>SC-70   |
| RSXOP9002 | 1.8                           | 5.5                           | 2  | 2                      | 80                     | 0.45          | 1            | 99           | 1600           | 116         | EMI<br>Hardened<br>Rail-to-Rail<br>Input/Output | SOIC-8/<br>MSOP-8    |
| RSXOP9004 | 1.8                           | 5.5                           | 4  | 2                      | 80                     | 0.45          | 1            | 99           | 1600           | 116         | EMI<br>Hardened<br>Rail-to-Rail<br>Input/Output | SOIC-14/<br>TSSOP-14 |
| RSXOP9061 | 1.8                           | 5.5                           | 1  | 2                      | 554                    | 7             | 10           | 104          | 1600           | 135         | EMI<br>Hardened<br>Rail-to-Rail<br>Input/Output | SOT-23-5/<br>SC70    |
| RSXOP9062 | 1.8                           | 5.5                           | 2  | 2                      | 554                    | 7             | 10           | 104          | 1600           | 135         | EMI<br>Hardened<br>Rail-to-Rail<br>Input/Output | SOIC-8/<br>MSOP-8    |
| RSXOP9064 | 1.8                           | 5.5                           | 4  | 2                      | 554                    | 7             | 10           | 104          | 1600           | 135         | EMI<br>Hardened<br>Rail-to-Rail<br>Input/Output | SOIC-14/<br>TSSOP-14 |
| RSXOP9071 | 1.9                           | 5.5                           | 1  | 2                      | 1100                   | 0.7           | 20           | 130          | 1600           | 130         | EMI<br>Hardened<br>Rail-to-Rail<br>Input/Output | SOT23-5/<br>SC70     |
| RSXOP9072 | 1.9                           | 5.5                           | 2  | 2                      | 1100                   | 0.7           | 20           | 130          | 1600           | 130         | EMI<br>Hardened<br>Rail-to-Rail<br>Input/Output | SOIC-8/<br>MSOP-8    |
| RSXOP9074 | 1.9                           | 5.5                           | 4  | 2                      | 1100                   | 2.7           | 20           | 130          | 1600           | 130         | EMI<br>Hardened<br>Rail-to-Rail<br>Input/Output | SOIC-14/<br>TSSOP-14 |

| 高增益运算放大器  |                               |                               |    |                        |                        |               |              |              |                |             |                                                          |                      |
|-----------|-------------------------------|-------------------------------|----|------------------------|------------------------|---------------|--------------|--------------|----------------|-------------|----------------------------------------------------------|----------------------|
| 产品型号      | V <sub>DD</sub><br>(V)<br>min | V <sub>DD</sub><br>(V)<br>max | CH | I <sub>B</sub><br>(pA) | I <sub>Q</sub><br>(uA) | S/R<br>(V/us) | GBW<br>(MHz) | CMRR<br>(dB) | Offset<br>(uV) | AVO<br>(dB) | 注释                                                       | 封装                   |
| RSXOP9101 | 1.8                           | 5.5                           | 1  | 2                      | 80                     | 0.45          | 1            | 99           | 400            | 116         | EMI<br>Hardened<br>Rail-to-Rail<br>Input/Output          | SOT-23-5/<br>SC70    |
| RSXOP9102 | 1.8                           | 5.5                           | 2  | 2                      | 80                     | 0.45          | 1            | 99           | 400            | 116         | EMI<br>Hardened<br>Rail-to-Rail<br>Input/Output          | SOIC-8/<br>MSOP-8    |
| RSXOP9104 | 1.8                           | 5.5                           | 4  | 2                      | 80                     | 0.45          | 1            | 99           | 400            | 116         | EMI<br>Hardened<br>Rail-to-Rail<br>Input/Output          | SOIC-14/<br>TSSOP-14 |
| RSXOP9161 | 1.8                           | 5.5                           | 1  | 2                      | 554                    | 7             | 10           | 99           | 400            | 135         | EMI<br>Hardened<br>Rail-to-Rail<br>Input/Output          | SOT-23-5/<br>SC70    |
| RSXOP9162 | 1.8                           | 5.5                           | 2  | 2                      | 554                    | 7             | 10           | 99           | 400            | 135         | EMI<br>Hardened<br>Rail-to-Rail<br>Input/Output          | SOIC-8/<br>MSOP-8    |
| RSXOP9164 | 1.8                           | 5.5                           | 4  | 2                      | 554                    | 7             | 10           | 99           | 400            | 135         | EMI<br>Hardened<br>Rail-to-Rail<br>Input/Output          | SOIC-14/<br>TSSOP-14 |
| RSXOP9171 | 1.9                           | 5.5                           | 1  | 2                      | 1100                   | 0.7           | 20           | 99           | 400            | 130         | EMI<br>Hardened<br>Rail-to-Rail<br>Input/Output          | SOT-23-5/<br>SC70    |
| RSXOP9172 | 1.9                           | 5.5                           | 2  | 2                      | 1100                   | 0.7           | 20           | 99           | 400            | 130         | EMI<br>Hardened<br>Rail-to-Rail<br>Input/Output          | SOIC-8/<br>MSOP-8    |
| RSXOP9174 | 1.9                           | 5.5                           | 4  | 2                      | 1100                   | 2.7           | 20           | 99           | 400            | 130         | EMI<br>Hardened<br>Rail-to-Rail<br>Input/Output          | SOIC-14/<br>TSSOP-14 |
| RS321     | 3                             | 36                            | 1  | 20                     | 250                    | 0.3           | 0.7          | 80           | 5000           | 85          | Standard<br>Amps,Bipolar<br>Rail-to-Rail<br>Input/Output | SOT-23-5             |
| RS358     | 3                             | 36                            | 2  | 20                     | 250                    | 0.3           | 0.7          | 80           | 5000           | 85          | Standard<br>Amps,Bipolar<br>Rail-to-Rail<br>Input/Output | SOIC-8/<br>MSOP-8    |
| RS324     | 3                             | 36                            | 4  | 20                     | 250                    | 0.3           | 0.7          | 80           | 5000           | 85          | Standard<br>Amps,Bipolar<br>Rail-to-Rail<br>Input/Output | SOIC-14/<br>TSSOP-14 |
| RS2902    | 3                             | 36                            | 4  | 20                     | 250                    | 0.3           | 0.7          | 80           | 5000           | 85          | Standard<br>Amps,Bipolar<br>Rail-to-Rail<br>Input/Output | SOIC-14/<br>TSSOP-14 |
| RS2904    | 3                             | 36                            | 2  | 20                     | 250                    | 0.3           | 0.7          | 80           | 5000           | 85          | Standard<br>Amps,Bipolar<br>Rail-to-Rail<br>Input/Output | SOIC-8/<br>MSOP-8    |
| RSXOP07   | 6                             | 36                            | 1  | 1.8                    | 650                    | 0.3           | 0.6          | 120          | 100            | 108         | High Precision<br>Amps,Bipolar                           | SOIC-8/<br>DIP-8     |

| 比较器     |                               |                               |    |                        |                          |                          |                |                       |                            |
|---------|-------------------------------|-------------------------------|----|------------------------|--------------------------|--------------------------|----------------|-----------------------|----------------------------|
| 产品型号    | V <sub>DD</sub><br>(V)<br>min | V <sub>DD</sub><br>(V)<br>max | CH | I <sub>Q</sub><br>(uA) | T <sub>PHL</sub><br>(ns) | T <sub>PLH</sub><br>(ns) | Offset<br>(mV) | 注释                    | 封装                         |
| RB1363  | 0.8                           | 5.5                           | 1  | 13                     | 300                      | 300                      | 7              | Open Drain Output     | SOT-23-5/<br>WDFN1.6X1.6-6 |
| RB1361  | 1.2                           | 5.5                           | 1  | 13                     | 300                      | 300                      | 7              | Push-Pull Output      | AQFN1X1.45-6               |
| RB1362  | 1.2                           | 5.5                           | 2  | 26                     | 300                      | 300                      | 7              | Open Drain Output     | TDFN2X2-8                  |
| RB1362A | 1.2                           | 5.5                           | 2  | 26                     | 300                      | 300                      | 7              | Push-Pull Output      | AQFN1.5X1.5-8              |
| RB2903  | 3                             | 36                            | 2  | 650                    | 300                      | 300                      | 2              | Open Collector Output | SOP-8/MSOP-8               |
| RB2901  | 3                             | 36                            | 4  | 650                    | 300                      | 300                      | 2              | Open Collector Output | SOP-14/<br>TSSOP-14        |

| 集成缓存器  |                               |                               |                                        |                                                              |                                                   |                                                  |                                                             |                                                    |                          |
|--------|-------------------------------|-------------------------------|----------------------------------------|--------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------|----------------------------------------------------|--------------------------|
| 产品型号   | V <sub>DD</sub><br>(V)<br>min | V <sub>DD</sub><br>(V)<br>max | CH<br>V <sub>r</sub> +V <sub>com</sub> | I <sub>OUT</sub><br>(mA)<br>V <sub>r</sub> ,V <sub>com</sub> | S/R<br>(V/us)<br>V <sub>r</sub> ,V <sub>com</sub> | BW<br>(M Hz)<br>V <sub>r</sub> ,V <sub>com</sub> | I <sub>sc</sub><br>(mA)<br>V <sub>r</sub> ,V <sub>com</sub> | 注释                                                 | 封装                       |
| RB1625 | 7                             | 18                            | 1                                      | 100                                                          | 23                                                | 20                                               | 270                                                         | SMBus,Rail-to-Rail Output                          | TDFN3X3-8                |
| RB1626 | 7                             | 18                            | 1                                      | 100                                                          | --                                                | --                                               | --                                                          | SMBus,V <sub>com</sub> REF                         | TDFN3X3-8                |
| RB1614 | 9                             | 20                            | 12+1+1                                 | 25,100                                                       | 16,50                                             | 10                                               | 100,300                                                     | Rail-to-Rail Output,SMBus<br>2 Banks REG,CRC       | QFN4X4-2                 |
| RB1615 | 9                             | 20                            | 12+1+1<br>+1                           | 40,100                                                       | 16,50                                             | 30                                               | 100,300                                                     | Rail-to-Rail Output,SMBus,<br>HAVDD,Repair OP,CRC  | QFN4X4-24                |
| RB1632 | 6.5                           | 18                            | 14+1                                   | 25,100                                                       | 16,20                                             | 10                                               | 100,180                                                     | Rail-to-Rail Output,2 Banks REG                    | QFN5X5-32                |
| RB1621 | 6.5                           | 18                            | 14+1                                   | 25,100                                                       | 20,20                                             | 10,20                                            | 75,140                                                      | Rail-to-Rail Output,SMBus,<br>2 Banks MTP,Checksum | TQFN4X4-24/<br>QFN5X5-32 |

| 电平转换器              |                               |                               |       |                           |                         |                     |                   |                                                                                                        |                                          |
|--------------------|-------------------------------|-------------------------------|-------|---------------------------|-------------------------|---------------------|-------------------|--------------------------------------------------------------------------------------------------------|------------------------------------------|
| 产品型号               | V <sub>DD</sub><br>(V)<br>min | V <sub>DD</sub><br>(V)<br>max | CH    | V <sub>HIGHT</sub><br>(V) | V <sub>LOW</sub><br>(V) | Data Rate<br>(Mbps) | Charge<br>Sharing | 注释                                                                                                     | 封装                                       |
| RB2129             | 1.2                           | 5.5                           | 1-2-4 | 5                         | 1.2                     | 100                 | --                | 1-4-Bit Bidirectional Level Shift<br>Push-Pull I/O,Data rate<br>100Mbps                                | SC-70-6/<br>SOT-23-6/8/<br>AQFN1.5X1.5-8 |
| RB2129B            | 1.65                          | 5.5                           | 1-2-4 | 5                         | 1.8                     | 24<br>2             | --                | 2-4-Bit Bidirectional Level Shift<br>Push-Pull VO,Data rate 24Mbps<br>Open-Drain VO,Data rate<br>2Mbps | ADFN3X2-8/<br>ADFN1.0X1.4-8              |
| RB2598             | --                            | --                            | 7-9   | 40                        | -20                     | --                  | Yes               |                                                                                                        | TQFN3X3-20                               |
| RB2583B/C          | --                            | --                            | 10    | 40                        | -20                     | --                  | Yes               | GPM                                                                                                    | TQFN4X4-28                               |
| RB2798A            | --                            | --                            | 10    | 40                        | -20                     | --                  | Yes               | 6-CH CLK,STH,RESETH.<br>2-CH DISCH.                                                                    | TQFN4X4-28                               |
| RB2790B            | --                            | --                            | 10    | 40                        | -20                     | --                  | Yes               | 6-CH CLK,2-CH STV_O,<br>2-CH VGP_O.                                                                    | TQFN4X4-32                               |
| RB2790C<br>RB2790D | --                            | --                            | 11    | 40                        | -20                     | --                  | Yes               | 6-CH CLK,2-CH STV_O,<br>2-CH VGP_O,VDIS_O.                                                             | TQFN4X4-32                               |
| RB2782/A           | 2.6                           | 5.5                           | 12    | 40                        | -15                     | --                  | No                | 8-CH HC,LC1/2,<br>2-CH ST,VGHD,VSSG.                                                                   | TQFN4X4-32                               |
| RB2795E/F          | --                            | --                            | 14    | 40                        | -18                     | --                  | No                | 8-CH CLK,LC1/2,GSPOUT,VSS<br>RB2595E/RB2795E 2-CH EN_O,<br>RB2595F/RB2795F<br>CLR,VGHOUT,GPM           | TQFN4X5-2                                |
| RB2791A/B          | --                            | --                            | 14    | 42                        | -20                     | --                  | Yes               | 8-CH CLK,2-CH STH<br>LC1/2,RSTH,VSSG.                                                                  | TQFN4X4-32                               |
| RB2794             | 2.6                           | 5.5                           | 16    | 40                        | -20                     | --                  | No                | 10-CH CLK,2-CH STV.<br>LC1/2,LS VGL,LS LVGL                                                            | TQFN4X4-32                               |

| 模拟开关    |                               |                               |                        |              |                         |                          |                             |           |                               |
|---------|-------------------------------|-------------------------------|------------------------|--------------|-------------------------|--------------------------|-----------------------------|-----------|-------------------------------|
| 产品型号    | V <sub>DD</sub><br>(V)<br>min | V <sub>DD</sub><br>(V)<br>max | R <sub>ON</sub><br>(Ω) | BW<br>(M Hz) | T <sub>ON</sub><br>(ns) | T <sub>OFF</sub><br>(ns) | I <sub>SUPPLY</sub><br>(uA) | 注释        | 封装                            |
| RA2750  | 1.5                           | 5.5                           | 1.5                    | 850          | 300                     | 300                      | 1                           | Dual SPDT | TQFN-1.4x1.8-10L              |
| RA3157  | 1.5                           | 5.5                           | 1.5                    | 700          | 200                     | 200                      | 1                           | SPDT      | SC70-6                        |
| RA3257  | 1.5                           | 5.5                           | 1.5                    | 700          | 200                     | 200                      | 1                           | SPDT      | DFN 1x1-6L/<br>DFN 1.1x0.9-6L |
| RA3357  | 1.5                           | 5.5                           | 1.5                    | 700          | 200                     | 200                      | 1                           | SPDT      | DFN1109-6L                    |
| RA3457  | 1.5                           | 5.5                           | 1.5                    | 700          | 200                     | 200                      | 1                           | SPDT      | SOT-23-6                      |
| RA23159 | 1.5                           | 5.5                           | 1.5                    | 850          | 200                     | 200                      | 1                           | Dual SPDT | QFN-2x1.5-10L/<br>MSOP-10     |
| *RA1567 | 1.5                           | 5.5                           | 1.8                    | 700          | 200                     | 200                      | 1                           | Quad SPDT | QFN1.8x2.6-16L                |
| RA6226  | 1.5                           | 5.5                           | 1.5                    | 800          | 200                     | 200                      | 1                           | SPDT      | UQFN 1.4x1.8 -10L             |
| *RA4735 | 1.5                           | 5.5                           | 3                      | 800          | 200                     | 200                      | 1                           | SPQT      | QFN 1.8x2.6 -16L              |
| RA6580  | 3.0                           | 4.5                           | 0.2                    | 50           | 60                      | 60                       | 55                          | Dual SPDT | QFN 1.8 x2.6-16               |

| 开关与多路复用器 |                               |                               |                        |              |                             |                                                                                        |                                         |
|----------|-------------------------------|-------------------------------|------------------------|--------------|-----------------------------|----------------------------------------------------------------------------------------|-----------------------------------------|
| 产品型号     | V <sub>DD</sub><br>(V)<br>min | V <sub>DD</sub><br>(V)<br>max | R <sub>ON</sub><br>(Ω) | BW<br>(M Hz) | I <sub>SUPPLY</sub><br>(uA) | 注释                                                                                     | 封装                                      |
| *RA20331 | 2.3                           | 5                             | 1.1                    | 80           | 50                          | High-Voltage Protection 3.5mm Audio Line Over-Voltage-Protection                       | WLCSP 1.2 x1.2 -9 Ball                  |
| RA4000   | 2.5                           | 5.5                           | 10                     | 1100         | 5                           | Dual 2:1 USB2.0 Mux/De-Mux with DC 30V Over-Voltage Protection                         | UQFN 1.4x1.8 -10L/<br>UQFN 1.5x2.0 -10L |
| *RA3000  | 1.5                           | 5.5                           | 6.8                    | 5100         | 0.6                         | Two-Channel Differential 2:1/1:2 USB 3.1 Super Speed 10Gbps Mux/DeMux                  | UQFN 1.5x2-10L                          |
| RA410    | 1.5                           | 5                             | 6.7                    | 5100         | -                           | Two-Channel Differential 2:1/1:2 USB 3.1 Super Speed 10Gbps Mux/DeMux                  | QFN 1.8x2.6-16L                         |
| RA412    | 1.5                           | 5                             | 1.5                    | 5700         | 100                         | 2:1 Mux/DeMux High Bandwidth HDMITM 2.1 Compliant Signal Switch                        | QFN 9x3.5-42L                           |
| RA416    | 1.5                           | 5                             | 6                      | 5700         | 100                         | 2:1 Mux/DeMux High Bandwidth HDMITM 2.1 Compliant Signal Switch                        | QFN 9x3.5-42L                           |
| *RA421   | 2.5                           | 5.5                           | 18                     | 1000         | 70                          | Dual 4:1 USB2.0 Mux/De-Mux with DC 30V Over-Voltage Protection                         | QFN 2.5 x 3.4 -24L                      |
| *RA822   | 2.5                           | 5.5                           | 10                     | 1000         | 33                          | Dual 4:1 USB2.0 Mux/De-Mux with DC 30V Over-Voltage Protection                         | QFN 2.5 x 3.4 -24L                      |
| RA644    | 1.65                          | 5.5                           | 7.5                    | 3500         | -                           | 2:1 MIPI D-PHY (2.5Gbps) 4-Data Lane & C-PHY (5Gbps) 3-Data Lane Switch                | WLCSP 2.4 x2.4 -36 Ball                 |
| RA646    | 1.65                          | 5.5                           | 4.8                    | 3600         | -                           | 2:1 MIPI D-PHY (3.5Gbps) 4-Data Lane Switch                                            | WLCSP 2.4 x2.4 -36 Ball                 |
| RA6743   | 2.5                           | 5.5                           | 10                     | 1000         | 33                          | Dual 2:1 USB2.0 Mux/De-Mux with DC 30V Over-Voltage Protection                         | WLCSP 1.2x1.6 -12 Ball                  |
| RA4480   | 2.5                           | 25                            | 1.3                    | 1200         | -                           | High-Speed Data/Hi-Fi Audio Switch with Side Band Use (SBU) for USB Type-C Application | WLCSP 2.04 x2.04 -25 Ball               |

| DDR 终端   |                             |                             |                            |                          |                           |                          |       |                        |            |
|----------|-----------------------------|-----------------------------|----------------------------|--------------------------|---------------------------|--------------------------|-------|------------------------|------------|
| 产品型号     | V <sub>DDQ</sub> (V)<br>min | V <sub>DDQ</sub> (V)<br>max | I <sub>source</sub><br>(A) | I <sub>sink</sub><br>(A) | I <sub>VREF</sub><br>(mA) | V <sub>CNTL</sub><br>(V) | EN    | 注释                     | 封装         |
| RB2995/6 | 1.6                         | 5.5                         | 1.5                        | 1.5                      | 0.03                      | 1.8~5.5                  | NO    | DDR1/2                 | SOP-8(FD)  |
| RB2992B  | 1.2                         | 3.6                         | 2                          | 2                        | --                        | 3~5.5                    | NO    | DDR1/2/3               | SOP-8      |
| RB2985   | 1                           | 3.5                         | 2.4                        | 2.4                      | 10                        | 2.5~5.5                  | S3/S5 | DDR1/2/3/3L/4          | TDFN3X3-10 |
| RB2992   | 1.2                         | 3.6                         | 3                          | 3                        | --                        | 3.3~5.5                  | NO    | DDR1/2/3/3L            | SOP-8(FD)  |
| RB2997B  | 1.2                         | 3.6                         | 4/3                        | 4/3                      | 10                        | 3~5.5                    | S3/S5 | DDR1/2/3/3L            | MSOP-8     |
| RB2998   | 1.2                         | 3.6                         | 4/3                        | 4/3                      | 10                        | 3~5.5                    | YES   | DDR1/2/3/3L            | SOP-8(FD)  |
| RB2986   | 1.1                         | 3.6                         | 4                          | 4                        | 10                        | 3~5.5                    | S3/S5 | DDR1/2/3/4/3L,LPDDR2/3 | TDFN2X2-10 |

| 电子熔断器保护开关     |                               |                               |                         |                            |                           |                         |                                     |                                                                                     |            |
|---------------|-------------------------------|-------------------------------|-------------------------|----------------------------|---------------------------|-------------------------|-------------------------------------|-------------------------------------------------------------------------------------|------------|
| 产品型号          | V <sub>CC</sub><br>(V)<br>min | V <sub>CC</sub><br>(V)<br>max | R <sub>ON</sub><br>(mΩ) | V <sub>OUT</sub><br>Rising | I <sub>limit</sub><br>(A) | I <sub>OUT</sub><br>(A) | V <sub>OVP</sub><br>Clamping<br>(V) | 注释                                                                                  | 封装         |
| RB5288B       | 2.7                           | 5.85                          | 40                      | ADJ                        | ADJ                       | 4.2                     | 5.85                                | 5V E-Fuse                                                                           | TDFN3X3-10 |
| RB5288A       | 3.6                           | 6.65                          | 68                      | ADJ                        | ADJ                       | 3.6                     | 6.65                                | 5V E-Fuse                                                                           | TDFN3X3-10 |
| RB5440        | 4.2<br>10                     | 6<br>13.2                     | 44                      | ADJ                        | 3.5                       | 3.5                     | --                                  | 12V/5V Dual E-Fuse                                                                  | ADFN2X3-10 |
| RB5288D       | 7.2                           | 10                            | 44                      | ADJ                        | ADJ                       | 3.6                     | 10                                  | 9V E-Fuse                                                                           | TDFN3X3-10 |
| RB5288        | 8.5                           | 15                            | 32                      | ADJ                        | ADJ                       | 3.6                     | 15                                  | 12V E-Fuse                                                                          | TDFN3X3-10 |
| *RB5289/<br>A | 4.5                           | 40                            | 15                      | ADJ                        | ADJ                       | 7                       | ADJ                                 | 40V E-Fuse                                                                          | TDFN3X3-10 |
| RB3722        | 3                             | 12                            | 34                      | ADJ                        | ADJ                       | 5                       | V <sub>OVC</sub>                    | UL,IEC,CB,Latch-OFF,Auto-Retry<br>V <sub>OVC</sub> =3.6/5.45/13.55V/No/Programmable | TDFN2X2-8  |
| RB3721        | 4.5                           | 12                            | 28                      | ADJ                        | ADJ                       | 5                       | 6.1/15                              | UL,IEC,CB,Latch-OFF,Auto-Retty                                                      | DFN3X3-10  |
| RB3720        | 4.5                           | 12                            | 28                      | ADJ                        | ADJ                       | 5                       | 6.1/15                              | UL,IEC,CB,Latch-OFF,Auto-Retry                                                      | DFN3X3-10  |

| USB Type-C 保护开关 |                                |                                |             |             |                  |                                  |                                            |                                                               |            |
|-----------------|--------------------------------|--------------------------------|-------------|-------------|------------------|----------------------------------|--------------------------------------------|---------------------------------------------------------------|------------|
| 产品型号            | V <sub>PWR</sub><br>(V)<br>min | V <sub>PWR</sub><br>(V)<br>max | OVP<br>(CH) | ESD<br>(CH) | CC<br>FET<br>(A) | V <sub>OVP</sub><br>Clamp<br>(V) | V <sub>Tolerant</sub><br>VBUS to CC<br>(V) | 注释                                                            | 封装         |
| *RB2330/A       | 2.7                            | 3.3                            | 4           | 6           | 0.6              | 8                                | 24                                         | USB Type-C Short-to-VBUS OVP,<br>IEC 61000-4-2 ESD Protection | TQFN3X3-20 |

| 高性能开关   |    |      |         |          |               |               |         |                |                |          |           |                                              |
|---------|----|------|---------|----------|---------------|---------------|---------|----------------|----------------|----------|-----------|----------------------------------------------|
| 产品型号    | CH | Type | RON (Ω) | BW (MHz) | VCC (Min) (V) | VCC (Max) (V) | Iq (μA) | VINH (Min) (V) | VINL (Max) (V) | Ton (ns) | Toff (ns) | 封装                                           |
| RSS8088 | 64 | 1:1  | 1       | 90       | 5             | 7.2           | 340     | 2.6            | 0.4            | 2500     | 2500      | LGA                                          |
| RSS4051 | 1  | 1:8  | 30      | 200      | 1.8           | 5.5           | 1       | 1.5            | 0.4            | 60       | 70        | SOIC-16(SOP-16)/SSOP-16/TSSOP-16/QFN-3X3-16L |
| RSS4052 | 2  | 1:4  | 30      | 200      | 1.8           | 5.5           | 1       | 1.5            | 0.4            | 60       | 70        | SOIC-16(SOP16)/SSOP-16/TSSOP-16/QFN-3X3-17L  |
| RSS4053 | 4  | 1:2  | 30      | 200      | 1.8           | 5.5           | 1       | 1.5            | 0.4            | 60       | 70        | SOIC-16(SOP16)/SSOP-16/TSSOP-16/QFN-3X3-18L  |
| RSS4054 | 8  | 1:1  | 30      | 200      | 1.8           | 5.5           | 1       | 1.5            | 0.4            | 60       | 70        | SOIC-16(SOP16)/SSOP-16/TSSOP-16/QFN-3X3-19L  |
| RSS4055 | 1  | 1:4  | 30      | 200      | 1.8           | 5.5           | 1       | 1.5            | 0.4            | 60       | 70        | MSOP-10                                      |
| RSS4056 | 2  | 1:2  | 30      | 200      | 1.8           | 5.5           | 1       | 1.5            | 0.4            | 60       | 70        | MSOP-10                                      |
| RSS4057 | 4  | 1:1  | 30      | 200      | 1.8           | 5.5           | 1       | 1.5            | 0.4            | 60       | 70        | MSOP-10                                      |
| RSS4058 | 2  | 1:1  | 30      | 200      | 1.8           | 5.5           | 1       | 1.5            | 0.4            | 60       | 70        | MSOP-10                                      |
| RSS4059 | 1  | 1:1  | 30      | 200      | 1.8           | 5.5           | 1       | 1.5            | 0.4            | 60       | 70        | SOT23-5                                      |

| 单通道电源开关&单通道负载开关 |             |             |               |                  |             |      |           |                                                                                                                                                 |  | 封装                                                                 |
|-----------------|-------------|-------------|---------------|------------------|-------------|------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------|
| 产品型号            | Vin (V) min | Vin (V) max | RON (mΩ)      | VOUT Rising (ms) | IOUT (A)    | Flag | Dis•R (Ω) | 注释                                                                                                                                              |  | 封装                                                                 |
| RB5017          | 1           | 3.6         | 26            | 0.13             | --          | N    | 80        | RON = 56mΩ @VIN =1.2V                                                                                                                           |  | WLCSP2X2-4                                                         |
| RB3715          | 0.7         | 3.6         | 60            | 0.72             | ADJ         | N    | --        |                                                                                                                                                 |  | AQFN2X2-12                                                         |
| RB5027C         | 0.7         | 4           | 5.5           | 0.01             | --          | N    | 220       | 10μs≤td+tr≤65μs @VOUT =1.05V                                                                                                                    |  | TDFN3X3-8                                                          |
| RB5409/B        | 0.5         | 5.5         | 10            | ADJ              | ADJ         | Y    | 200       | IOUT Programmable up to 7A<br>Need a VBIAS                                                                                                      |  | AQFN2X2-12 FC                                                      |
| RB5029A         | 0.9         | 5.5         | 22            | ADJ              | --          | N    | 220       | Need a 5V VBIAS,@VOUT=1.05V                                                                                                                     |  | TDFN2X2-8                                                          |
| RB5192          | 1.5         | 5.5         | 25            | 0.13             | --          | N    | 250       | RON =68mΩ@VIN =1.5V                                                                                                                             |  | WLCSP2X2-4                                                         |
| RB529           | 2.7         | 5.5         | 70            | 1                | 1.1         | Y    | N         | Fast SCP,HML 2.0<br>VOUT Reverse-Current Protection                                                                                             |  | SOT-23-6                                                           |
| RB5287          | 1.5         | 5.5         | 80            | 1                | --          | N    | R         | External discharging                                                                                                                            |  | TDFN1.6X1.6-6                                                      |
| RB5245          | 2.7         | 5.5         | 110           | 2.5              | 1.5         | N    | 75        | LVDS or Panel Switch                                                                                                                            |  | SOT-23-5                                                           |
| RB5244          | 2.7         | 5.5         | 120           | 1.9              | 2           | N    | R         | VOUT External discharging resistor                                                                                                              |  | SOT-23-5/<br>ADFN1.5X1.5-6                                         |
| RB2892          | 0.7         | 5.7         | 14            | ADJ              | 6           | Y    | 15        |                                                                                                                                                 |  | TDFN2X2-10                                                         |
| RB5161          | 4           | 20          | 50            | 1.5              | --          | Y    | N         |                                                                                                                                                 |  | TSOT-23-8 FC                                                       |
| RB3717          | 4.5         | 24          | 20            | --               | 6           | N    | N         | Ideal Diode                                                                                                                                     |  | TDFN3X3-10                                                         |
| RB3718          | 4.5         | 24          | 20            | --               | 6           | N    | N         | ORing-Dual Ideal Diode                                                                                                                          |  | TDFN3X3-10                                                         |
| RB509           | 2.7         | 5.5         | 37/67/<br>120 | 1.5              | ADJ<br>IOUT | Y    | Y         | UL,IEC,CB,RB509x1x2x3,<br>x1:H/L/S/N<br>x2:IOUT30/25/20/10/05/02,3A/3S/2S/1S<br>x3:VOUT Discharge<br>R=300/150/75/DSG/No                        |  | SOT-563/<br>SOT-23-5/6/<br>TSOT-23-5/6                             |
| RB517           | 2.7         | 5.5         | 50/70         | 1.5              | 3.1<br>ADJ  | Y    | 150       | UL,IEC,CB,TYPE-C,Fast SCP,<br>VOUT Reverse-Current Protection,<br>BCDEFGH<br>IOUT=0.3/0.6/1.1/1.6/2.2/3.1/2.7A<br>BCDEFGH RON=40~75 mΩ          |  | SOT-23-5/SOT-23-6/<br>TSOT-23-6/MSOP-8/<br>TDFN2X2-6/<br>WDFN2X2-6 |
| RB517AH         | 2.7         | 5.5         | 60            | 1.5              | ADJ         | Y    | 15        | UL,IEC,CB,Fast SCP                                                                                                                              |  | T/SOT-23-6/<br>TDFN2X2-6                                           |
| RB517AL         | 2.7         | 5.5         | 60            | 1.5              | ADJ         | Y    | 600       | UL,IEC,CB,Fast SCP                                                                                                                              |  | T/SOT-23-6/<br>TDFN2X2-6                                           |
| RB524           | 2.7         | 5.5         | 70            | 1.5              | 2.2         | Y    | 150/N     | UL,IEC,CB,Fast SCP,<br>VOUT Reverse-Current Protection<br>A/B/C/D IOUT=1.9/2.2/1.7/1.2 A                                                        |  | SOT-23-5/<br>TSOT-23-6/<br>MSOP-8                                  |
| RB527           | 2.7         | 5.5         | 70            | 1.4              | ADJ         | Y    | 75        | UL,IEC,CB,Fast SCP,<br>VOUT Reverse-Current Protection                                                                                          |  | TSOT-23-6/<br>MSOP-8(FD)                                           |
| RB5250          | 2.7         | 5.5         | 108           | 1.5              | 2.4         | Y    | N         | UL,IEC ,CB,<br>RB5250Q IOUT=0.2A,RB5250H/M/S<br>IOUT=0.7A<br>RB5250G/K/N IOUT=1.1A,RB5250F<br>IOUT=1.5A,<br>RB5250I IOUT=2.0A,RB5250A IOUT=2.4A |  | SOT-23-5                                                           |
| RB518           | 2.7         | 5.5         | 50            | 1.5              | 3.1/A<br>DJ | Y    | Y         | UL,IEC,CB,TYPE-C,RB518B ADJ,VBUS<br>Voltage Tolerance 24V                                                                                       |  | TSOT-23-5 FC/<br>TSOT-23-6 FC                                      |
| RB3712          | 4           | 5.5         | 35            | 2                | ADJ         | Y    | --        | UL,EC,CB,Type-C,Fast role swap,VBUS<br>Voltage Tolerance 29V                                                                                    |  | WLCSP4X4-16                                                        |
| RB516           | 4           | 20          | 50            | 1.5              | 3.7         | Y    | N         | UL,IEC,CB,USB TYPE-C                                                                                                                            |  | TSOT-23-8 FC                                                       |
| RB2176          | 4.5         | 22          | 80            | Vin/4            | ADJ         | N    | 950       | UL,IEC,CB,OC & OT Latched OFF mode                                                                                                              |  | TDFN2X2-6                                                          |
| RS6601          | 2.7         | 5.5         | 55            | 2.2              | 2.5         | -    | -         |                                                                                                                                                 |  | SOT-23-5/SOT-23-6/<br>TSOT-23-5/<br>TSOT-23-6                      |
| RS6602          | 2.7         | 5.5         | 65            | 2                | 1           | -    | -         |                                                                                                                                                 |  | SOT-23-5/ SOT-23-6/<br>TSOT-23-5/<br>TSOT-23-6                     |
| *RA200          | 1.5         | 5.5         | 32            | 0.57             | 2           | -    | 85        |                                                                                                                                                 |  | WLCSP-4L                                                           |

| 单通道电源开关&单通道负载开关 |                               |                               |                         |                                    |                         |      |              |    |          |
|-----------------|-------------------------------|-------------------------------|-------------------------|------------------------------------|-------------------------|------|--------------|----|----------|
| 产品型号            | V <sub>in</sub><br>(V)<br>min | V <sub>in</sub><br>(V)<br>max | R <sub>ON</sub><br>(mΩ) | V <sub>OUT</sub><br>Rising<br>(ms) | I <sub>OUT</sub><br>(A) | Flag | Dis•R<br>(Ω) | 注释 | 封装       |
| *RA210          | 1.5                           | 5.5                           | 32                      | 0.57                               | 2                       | -    | 85           |    | WLCSP-4B |
| *RA270          | 1.5                           | 5.5                           | 32                      | 0.57                               | 2                       | -    | 85           |    | SOT-23-5 |
| *RA280          | 1.5                           | 5.5                           | 32                      | 0.57                               | 2                       | -    | 85           |    | SOT-23-5 |

| 双通道电源开关&双通道负载开关 |                               |                               |                        |                                    |                         |            |              |                                                                     |                          |
|-----------------|-------------------------------|-------------------------------|------------------------|------------------------------------|-------------------------|------------|--------------|---------------------------------------------------------------------|--------------------------|
| 产品型号            | V <sub>in</sub><br>(V)<br>min | V <sub>in</sub><br>(V)<br>max | R <sub>ON</sub><br>(Ω) | V <sub>OUT</sub><br>Rising<br>(ms) | I <sub>OUT</sub><br>(A) | OC<br>Flag | Dis•R<br>(Ω) | 注释                                                                  | 封装                       |
| RB2898          | 0.7                           | 5.6                           | 17                     | ADJ                                | 6                       | N          | 250/50       | Need a 2.5V~5.6V VBIAS                                              | TDFN2X3-14               |
| RB2894          | 0.7                           | 2.2                           | 20                     | 0.022                              | 4                       | N          | 220          | 10μs≤t <sub>0</sub> +t <sub>r</sub> ≤65μs @V <sub>OUT</sub> =1.05V  | TDFN2X3-14               |
| RB2895          | 2.7                           | 5.5                           | 120                    | 2                                  | 0.2/0.6                 | N/Y        | 150          | Vin Range 2.7V~5.5V with a VB of 3V/5V Recovery Mode & Latched Mode | TSOT-23-6/<br>TDFN2X2-10 |

| 同步(准 PWM)降压控制器 |                               |                               |     |                           |               |                            |               |                                                                                                     |            |
|----------------|-------------------------------|-------------------------------|-----|---------------------------|---------------|----------------------------|---------------|-----------------------------------------------------------------------------------------------------|------------|
| 产品型号           | V <sub>in</sub><br>(V)<br>min | V <sub>in</sub><br>(V)<br>max | PG  | F <sub>sw</sub><br>(k Hz) | FB<br>(V)     | V <sub>0, MAX</sub><br>(V) | OVP<br>(%,us) | 注释                                                                                                  | 封装         |
| RB5619/A       | 2.0                           | 24                            | YES | ADJ                       | 0.75<br>0.675 | 3.6                        | 115,30        | DDR2/3/3L/4,LPDDR3,1.5A LDO(VTT)<br>RB5619 non-tracking,RB5619A Tracking,<br>VTTREF,FB=0.75V@VID=0V | TQFN3X3-20 |
| RB5417/A       | 2.0                           | 24                            | YES | ADJ                       | 0.75          | FB~3.6                     | 117,30        | DDR2/3/3L/4,LPDDR3,1.5ALDO(VTT),<br>VTTREF                                                          | TQFN3X3-20 |
| RB6201         | 3.0                           | 22                            | YES | ADJ                       | VID           | 1.8                        | 1,225         | VCCIN_AUX,VID Set 1.8V/1.65V/1.1V/0V                                                                | TQFN3X3-20 |
| RB5318         | 4.5                           | 28                            | YES | ADJ                       | 0.7           | 2.6                        | 120,20        | EN,UVP,OCV,VOUT Adjustable,<br>1.5ms V <sub>OUT</sub> Servo Soft Start                              | TDFN3X3-10 |

| 负载点(同步准 PWM 降压控制器)                      |                               |                               |                         |                           |                         |                           |                           |                                                                                                                                                                                                         |                         |
|-----------------------------------------|-------------------------------|-------------------------------|-------------------------|---------------------------|-------------------------|---------------------------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| 产品型号                                    | V <sub>in</sub><br>(V)<br>min | V <sub>in</sub><br>(V)<br>max | I <sub>OUT</sub><br>(A) | F <sub>sw</sub><br>(k Hz) | FB<br>(V)               | HS <sub>RON</sub><br>(mΩ) | LS <sub>RON</sub><br>(mΩ) | 注释                                                                                                                                                                                                      | 封装                      |
| RB2188                                  | 4.2                           | 28                            | 12                      | 800                       | 0.6                     | 40                        | 20                        | VOUT 0.6V to 12V,OCV 6A/9A/12A,Non-Latch Mode,EN,PG                                                                                                                                                     | AQFN3X3-10 FC           |
| RB6020                                  | 4.5                           | 24                            | 8                       | 580/<br>600               | 1.2/<br>1.115/<br>1.065 | 22                        | 8.6                       | RB6020 DDR4/LPDDR4X/LPDDR5<br>RB6020A/D DDR4,RB6020B/E LPDDR4X<br>RB6020C/F LPDDR5<br>LV BK1(LDO Mode)1A<br>2.5/1.8/0.6/0.5V(2.5V),<br>HV BK2 8A 1.2V/1.115V/1.065V<br>LDO(SW Mode) 1.5A 0.6/0.5V(1.8V) | AQFN3X3-18 FC           |
| RB5425                                  | 4.5                           | 23                            | 8                       | 500                       | 3.3                     | 20                        | 10                        | RB5425B 3.3V POL,RB5425 5.0V POL,<br>Integrated Switchover LDO,<br>EN,PGOOD,Low I <sub>Q</sub> ,Ultrasonic Mode                                                                                         | AQFN3X3-12 FC           |
| RB6026                                  | 4                             | 24                            | 6                       | 500/<br>600               | 0.6                     | 38                        | 19                        | RB6026 ADJ POL<br>RB6026B 3.3V POL<br>RB6026C 5.0V POL                                                                                                                                                  | WQFN2.5X2.5-16          |
| RB6028                                  | 4                             | 24                            | 8                       | 500/<br>600               | 0.6                     | 20                        | 10                        | RB6028 ADJ POL<br>RB6028B 3.3V POL<br>RB6028C 5.0V POL                                                                                                                                                  | WQFN2.5X2.5-16          |
| *RB2196                                 | 4.5                           | 24                            | 6                       | 600                       | 0.6                     | 38                        | 19                        | VOUT 0.6V to 12V,OCV 6A/8A/10A<br>OCV/UVP/OTP Non-Latch Mode,EN,PG                                                                                                                                      | WQFN2.5X2.5-16          |
| RB5416                                  | 2                             | 26                            | 8                       | ADJ                       | 0.75                    | 20                        | 8.5                       | DDR4 with VPP 2.5V/1A,<br>1.5A LDO VTT,10mA VTTREF,<br>S3,S5,PGOOD,Low I <sub>Q</sub> ,MLCC                                                                                                             | QFN4X4-30               |
| RB5335A/D<br>RB5335E<br>RB5335C/F       | 4.5                           | 28                            | 8                       | ADJ                       | 0.8                     | 20                        | 20<br>8.5<br>8.5          | EN,PGOOD,MLCC,Soft start adjustable,<br>RB5335/A/E 23-Pin,RB5335C/D/F 22-Pin                                                                                                                            | QFN4X4-23/<br>QFN4X4-22 |
| RB5334                                  | 4.5                           | 20                            | 8                       | ADJ                       | 0.6                     | 13                        | 6.5                       | EN,PGOOD                                                                                                                                                                                                | QFN4X4-23               |
| RB5312                                  | 4.5                           | 28                            | 8                       | ADJ                       | 0.75                    | 20                        | 20                        | With 5V Supply,EN,PGOOD                                                                                                                                                                                 | QFN4X4-28               |
| RB5309                                  | 4.5                           | 28                            | 8                       | ADJ                       | 0.75                    | 20                        | 8.5                       | With 5V Supply,EN,PGOOD                                                                                                                                                                                 | QFN4X4-28               |
| RB5329A<br>RB5329<br>RB5329C<br>RB5329B | 4.5                           | 26                            | 12<br>8<br>6<br>5       | ADJ                       | 0.8                     | 20<br>30<br>20<br>30      | 8.5<br>15<br>20<br>30     | VOUT 0.8V to 5.5V,Build in V5V,Low I <sub>Q</sub> ,<br>Non-latched mode,EN,PGOOD,MLCC,<br>RB5329B 24-Pin,RB5329A/C 32-Pin                                                                               | QFN3X3-24/<br>QFN4X4-32 |

| 自动升压降压转换器 |                               |                               |                              |                              |                         |                           |           |                                     |                           |
|-----------|-------------------------------|-------------------------------|------------------------------|------------------------------|-------------------------|---------------------------|-----------|-------------------------------------|---------------------------|
| 产品型号      | V <sub>in</sub><br>(V)<br>min | V <sub>in</sub><br>(V)<br>max | V <sub>o</sub><br>(V)<br>min | V <sub>o</sub><br>(V)<br>max | I <sub>OUT</sub><br>(A) | F <sub>sw</sub><br>(M Hz) | FB<br>(V) | 注释                                  | 封装                        |
| RB2298    | 1.8                           | 5.5                           | 1.8                          | 5.5                          | 1.5                     | 2.4                       | 0.5       | Auto-Transition Buck and Boost Mode | TDFN3X3-10                |
| RB2298B   | 1.8                           | 5.5                           | 1.8                          | 5.5                          | 1.5                     | 2.4                       | 0.5       | Auto-Transition Buck and Boost Mode | TDFN3X3-10                |
| RB2228/A  | 1.8                           | 5.5                           | 2.8                          | 5.5                          | 1.5                     | 2.4                       | 0.5       | Auto-Transition Buck and Boost Mode | WLCSP2X4-8/<br>TDFN3X4-10 |
| RB2287    | 2.1                           | 5.5                           | 1.8                          | 5.2                          | 1.6                     | 2.5                       | 0.8       | Auto-Transition Buck and Boost Mode | WLCSP3X5-15               |
| RB2224    | 2.7                           | 5.5                           | 2.8                          | 5.5                          | 3                       | 2.4                       | 0.5       | Auto-Transition Buck and Boost Mode | TDFN3X4-14                |

| 开关充电器    |                               |                               |                          |                           |                                |                              |                  |                                                                                              |             |
|----------|-------------------------------|-------------------------------|--------------------------|---------------------------|--------------------------------|------------------------------|------------------|----------------------------------------------------------------------------------------------|-------------|
| 产品型号     | V <sub>in</sub><br>(V)<br>min | V <sub>in</sub><br>(V)<br>max | CC <sub>MAX</sub><br>(A) | F <sub>sw</sub><br>(k Hz) | Boost<br>V <sub>o</sub><br>(V) | Boost<br>I <sub>sw</sub> (A) | Inter-<br>face   | 注释                                                                                           | 封装          |
| RB2230/A | 4.2                           | 6.2                           | 2                        | 1500                      | 5                              | 4.6                          | I <sup>2</sup> C | DPPM,Boost for USB OTG,NTC TS, OTP,Safety timer,Power key function USB Battery Charging port | WLCSP4X5-20 |
| RB2246   | 4                             | 5.5                           | 2.5                      | 1500                      | --                             | --                           | --               | DPPM,VIN OVP,OTP,I Set,4.2V/4.35V Adj.BAT Voltage,NTC,Charge timer                           | TQFN3X3-16  |

| 线性充电器   |                               |                               |                          |                       |           |               |            |                                                                              |            |
|---------|-------------------------------|-------------------------------|--------------------------|-----------------------|-----------|---------------|------------|------------------------------------------------------------------------------|------------|
| 产品型号    | V <sub>in</sub><br>(V)<br>min | V <sub>in</sub><br>(V)<br>max | CC <sub>MAX</sub><br>(A) | Pre-<br>Charge<br>(A) | CV<br>(V) | Status<br>LED | TEMP<br>TS | 注释                                                                           | 封装         |
| RB5809  | 4.5                           | 6                             | 0.5                      | 0.1*CC                | 4.2       | 1             | NO         | Programmable CC,CV,UVLO,OTP LDO 3.3V/300mA with EN                           | TDFN3X3-10 |
| RB2267  | 4.25                          | 6.5                           | 0.8                      | 0.1*CC                | 4.2       | 1             | NO         | Programmable CC,CV,UVLO,OTP                                                  | TSOT-23-5  |
| RB5803  | 4.25                          | 6.5                           | 1                        | 0.1*CC                | 4.2       | 1             | NO         | Programmable CC,CV,UVLO,OTP,Vin OVP                                          | SOT-23-5   |
| RB2268  | 4.35                          | 6.4                           | 1.5                      | 0.1*CC                | 4.2       | 2             | YES        | DPPM,Programmable CC,CV,UVLO,OTP Safety timer,Input Current Limit selectable | TQFN3X3-16 |
| *RA4059 | 4                             | 7                             | 0.3                      | --                    | --        | --            | --         | 300mA, Single Li-ion Battery Charger                                         | DFN1X1-6L  |

| 同步降压转换器   |                               |                               |                         |                           |               |                         |                        |                                                                                                                    |                                           |
|-----------|-------------------------------|-------------------------------|-------------------------|---------------------------|---------------|-------------------------|------------------------|--------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| 产品型号      | V <sub>in</sub><br>(V)<br>min | V <sub>in</sub><br>(V)<br>max | I <sub>OUT</sub><br>(A) | F <sub>sw</sub><br>(k Hz) | FB<br>(V)     | D <sub>MAX</sub><br>(%) | I <sub>Q</sub><br>(uA) | 注释                                                                                                                 | 封装                                        |
| RB5725    | 2.5                           | 6                             | 1                       | 1000                      | 0.6           | 100                     | 50                     | EN,GND,LX,VIN,VFB,SS=2ms                                                                                           | T/SOT-23-5                                |
| RB5728    | 2.5                           | 6                             | 1                       | 1000                      | 0.6           | 100                     | 50                     | EN,GND,LX,VIN,VFB,SS=0.6ms                                                                                         | TSOT-23-5                                 |
| RB5728B   | 2.5                           | 6                             | 1                       | 1400                      | 0.6           | 100                     | 50                     | EN,GND,LX,VIN,VFB,SS=0.6ms                                                                                         | TSOT-23-5                                 |
| RB5695    | 2.5                           | 6                             | 1                       | 1400                      | 0.6           | 100                     | 50                     | VIN,GND,EN,FB,LX,SS=2ms, NC,EN,VIN,LX,GND,VFB,SS=2ms                                                               | T/SOT-23-5/<br>TWDFN2X2-6                 |
| RB5691    | 2.5                           | 5.5                           | 1                       | 1500                      | 0.6           | 100                     | 50                     | NC,EN,VIN,LX,GND,FB,SS=2ms, V <sub>OUT</sub> =ADJ & 1.2V & 3.3V                                                    | TDFN2X2-6                                 |
| RT1691    | 2.5                           | 5.5                           | 1                       | 1500                      | 0.6           | 100                     | 50                     | NC,EN,VIN,LX,GND,FB                                                                                                | TDFN2X2-6                                 |
| RB2262    | 2.55                          | 6                             | 2<br>2<br>1/2           | 1600                      | 0.6           | --                      | 25                     | FB,GND,VIN,LX,EN,OUT,PG/SS=0.5ms, RB2262B Forced PWM Selectable, RB2262C Forced PWM Only                           | SOT-563/<br>ADFN1X1.5-6                   |
| RM2282    | 2.4                           | 6                             | 2                       | 2200                      | 0.6           | 100                     | 6                      | FB,PG,EN,VIN,SW,GND                                                                                                | ADFN1.5X1.5-6                             |
| RB2261A   | 2.55                          | 6                             | 2                       | 3000                      | 0.6           | --                      | 25                     | PGND,LX,AGND,FB,EN,MODE/PG, A/PVIN,SS=0.25ms                                                                       | TDFN2X2-8                                 |
| RB2832    | 4.5                           | 18                            | 2                       | 500                       | 0.6           | --                      | 500                    | BS,GND,FB,EN,VIN,SW                                                                                                | SOT-23-6                                  |
| RB5791    | 4.5                           | 24                            | 2/3                     | 340                       | 0.92/<br>1.22 | 90                      | 3000                   | BS,IN,LX,GND,FB,COMP,EN,SS                                                                                         | SOP-8(FD)                                 |
| RT1528/9  | 2.5                           | 6                             | 2/3.2                   | 1000                      | 0.8           | 100                     | 450                    | VCC,REF,GND,FB,EN,PGND,LX,VIN V <sub>IN</sub> OVP(V <sub>CC</sub> >6.3V)                                           | SOP-8/<br>SOP-8(FD)                       |
| RB2822    | 2.7                           | 6.5                           | 2/3                     | 1000                      | 0.6           | 100                     | 50                     | EN,GND,LX,VIN,NC/PG,FB,SS=1ms SCP Non latched,A/B/C/D/H SCP Latched, A/D/H/J discharge R 1.8kΩ B/C discharge R 50Ω | SOT-23-6/<br>T/SOT-23-5/<br>TDFN2X2-8     |
| RB2823A/D | 2.7                           | 6.5                           | 3                       | 1000                      | 0.6           | 100                     | 50                     | NC,SW2,POK,EN,FB,NC,VCC,VIN*2                                                                                      | TDFN3X3-10                                |
| RB2264/A  | 2.6                           | 5.5                           | 3                       | 1500                      | 0.45          | 100                     | 17                     | COT,EN,P/AGND,FB,VOS, NC/PG,LX,VIN                                                                                 | SOT-23-6/<br>TDFN2X2-8                    |
| RB2273/A  | 2.6                           | 5.5                           | 3                       | 1500                      | 0.6           | 100                     | 17                     | COT,EN,GND,LX,VIN,PG,FB COT,VIN*2,LX*2,PGND*2,FB,EN,PG                                                             | SOT-23-5/6/<br>TDFN2X2-6/8/<br>AQFN2X2-12 |
| RB2283    | 2.6                           | 6                             | 3                       | 2200                      | 0.6           | 100                     | 10                     | FB,PG,EN,VIN,SW,GND                                                                                                | ADFN1.5X1.5-6                             |
| RM2283    | 2.4                           | 6                             | 3                       | 2200                      | 0.6           | 100                     | 6                      | FB,PG,EN,VIN,SW,GND                                                                                                | ADFN1.5X1.5-6                             |
| RB5694    | 2.5                           | 6                             | 3.2                     | 1000                      | 0.8           | 100                     | 450                    | VCC,REF,GND,FB,EN,PGND,LX,VIN                                                                                      | SOP-8(FD)/<br>TDFN3X3-8                   |
| RB2284    | 2.6                           | 6                             | 4                       | 2200                      | 0.6           | 100                     | 10                     | FB,PG,EN,VIN,SW,GND                                                                                                | ADFN1.5X1.5-6                             |
| RM2284    | 2.5                           | 6                             | 4                       | 2200                      | 0.6           | 100                     | 6                      | FB,PG,EN,VIN,SW,GND                                                                                                | ADFN1.5X1.5-6                             |

\*敬请期待

## 电荷泵和电流源

| 产品型号   | V <sub>in</sub><br>(V)<br>min | V <sub>in</sub><br>(V)<br>max | I <sub>OUT</sub><br>(mA) | F <sub>OSC</sub><br>(k Hz) | LED<br>CH | Positive<br>Vo(V) | Negative         | 注释                                                                                                                | 封装             |
|--------|-------------------------------|-------------------------------|--------------------------|----------------------------|-----------|-------------------|------------------|-------------------------------------------------------------------------------------------------------------------|----------------|
| RB138  | 2.5                           | 4.8                           | 30                       | --                         | --        | 1.5x/<br>2x/3x    | -V <sub>IN</sub> | Positive & Negative output control                                                                                | UDFN1.5X2.4-12 |
| RB5930 | 1.8                           | 5                             | 60                       | 270                        | --        | --                | -V <sub>IN</sub> | IN,EN,GND,C-,C+,OUT,Inverting                                                                                     | TDFN2X2-6      |
| RB5931 | 1.8                           | 5                             | 60                       | 270                        | --        | --                | -V <sub>IN</sub> | NC,CP+,GND,CP-,OUT,NC,NC,IN                                                                                       | SOP-8          |
| RB5031 | 6                             | 17                            | 60                       | --                         | 12        | --                | --               | Grayscale Control 16-Bit(65,536-Step),<br>Global Brightness Control 7-Bit,<br>3.3V Regulator, RGB LED application | QFN4X4-24      |
| RB5910 | 2.7                           | 5                             | 90                       | 1000                       | --        | 3.3/5             | --               | EN,GND,VOUT,C+,VIN,C-,Boost                                                                                       | TDFN2X2-6      |

## 升压转换器

| 产品型号     | V <sub>in</sub> (V)<br>min | V <sub>in</sub> (V)<br>max | V <sub>O,MAX</sub><br>(V) | FB<br>(V) | I <sub>sw</sub><br>(A) | F <sub>sw</sub><br>(k Hz) | Topology | 注释                                                                                | 封装                     |
|----------|----------------------------|----------------------------|---------------------------|-----------|------------------------|---------------------------|----------|-----------------------------------------------------------------------------------|------------------------|
| RB2263   | 2.7                        | 5.5                        | 5                         | 0.8       | 9                      | 600                       | Sync.    | PGND*2,LX,VOUT*2,NC,EN,VIN,VINA,<br>AGND,FB                                       | AQFN2X2-14             |
| RB5390   | 0.7                        | 5                          | 5                         | 1         | 0.4                    | --                        | Sync.    | Ultra low I <sub>Q</sub> of 1uA,Hysteretic Mode<br>LBI,GND,LX,VOUT,REF,LBO,EN,VIN | TDFN2X2-8              |
| RB2118   | 2.7                        | 4.5                        | 5                         | 1.227     | 7                      | 520                       | Sync.    | PGND,LX,VBAT,ILM01,GND,FB,VOUT                                                    | TSSOP-20(FD)           |
| RB5134/S | 0.75                       | 5.5                        | 5.5                       | 0.5       | 0.85                   | 1200                      | Sync.    | SW,GND,EN,FB,VOUT,VBAT                                                            | TSOT-23-6              |
| RB2280   | 2.7                        | 12                         | 12.6                      | 1.2       | 11.9                   | 600                       | Sync.    | VCC,EN,FSW,LX,BOOT,VIN,SS,MODE<br>VOUT,FB,COMP,ILIM,AGND,PGND                     | TDFN3.5X4.5-20         |
| RB2281   | 2.7                        | 12                         | 12.6                      | 1.2       | 10                     | 600                       | Sync.    | FSW,VCC,FB,COMP,GND,VOUT<br>EN,ILIM,VIN,BOOT,LX                                   | AQFN2.5X2.0-11         |
| RB5108   | 2.5                        | 5.5                        | 20                        | 1.24      | 1                      | 600/<br>1200              | Async.   | COMP,FB,EN,GND,SW,VCC,FSL,SS                                                      | MSOP-8                 |
| RB2841/A | 2.5                        | 6                          | 22                        | 1.229     | 0.5/<br>1.3            | 600/<br>1200              | Sync.    | L,VIN,SS,GND,FB,EN,FSW,OUT<br>SW,True Shutdown                                    | DFN3X3-10              |
| RB5108   | 2.5                        | 5.5                        | 22                        | 1.24      | 4                      | 600/<br>1200              | Async.   | COMP,FB,EN,GND*2,LX*2,IN,FREQ,SS                                                  | TDFN3X3-10             |
| RB5125   | 2.7                        | 5.5                        | 30                        | 1.25      | 0.85                   | 1000                      | Async.   | LX,GND,FB,EN,IN                                                                   | SOT-23-5/<br>TDFN2X2-6 |

## LED 背光驱动器

| 产品型号             | V <sub>in</sub><br>(V)<br>min | V <sub>in</sub><br>(V)<br>max | LED<br>CH | V <sub>LED</sub><br>FB(V) | V <sub>O,MAX</sub><br>(M) | L <sub>sw</sub><br>(A) | F <sub>sw</sub><br>(k Hz) | 注释                                                              | 封装                            |
|------------------|-------------------------------|-------------------------------|-----------|---------------------------|---------------------------|------------------------|---------------------------|-----------------------------------------------------------------|-------------------------------|
| RT1316A          | 2.5                           | 5.5                           | 1         | 0.2                       | 20                        | 1.2                    | 1000                      | LX,GND,FB,EN,O VP,VIN<br>EN Dimming 100~200k Hz                 | TSOT-23-6                     |
| RB5126           | 2.7                           | 5.5                           | 1         | 0.2                       | 28                        | 0.85                   | 1000                      | LX,GND,FB,EN,OVP,IN,<br>Dimming 200~2k Hz                       | TDFN2X2-8                     |
| RT5160<br>RB2621 | 2.5                           | 5.5                           | 1         | 0.2                       | 40                        | 1.2                    | 1000                      | LX,GND,FB,EN,OVP,VIN<br>EN Dimming 100~200k Hz                  | TSOT-23-6/<br>SOT-23-6        |
| RB2546B          | 2.5                           | 24                            | 4         | 0.6                       | 43                        | 2                      | 600~<br>2200              | EN,SS,OC,ADJ OVP,OLP,SLP,OTP,<br>30mA/CH,PWM Dimming 120~30k Hz | TQFN3X3-16                    |
| RB2548           | 2.7                           | 24                            | 6         | --                        | 36                        | 2.4                    | 100~<br>1600              | EN,SS,OC,OV,OTP<br>25mA/CH,Dimming:PWM,Analog,I <sup>2</sup> C  | TQFN3.5X3.5-20/<br>TQFN3X3-24 |

## 闪光灯充电器(反激式)

| 产品型号     | V <sub>in</sub><br>(V)<br>min | V <sub>in</sub><br>(V)<br>max | LX<br>(V) | V <sub>OUT</sub> | IGBT<br>Driver | Built-in<br>OVP | Built-in<br>MOSFET | 注释                                                                             | 封装         |
|----------|-------------------------------|-------------------------------|-----------|------------------|----------------|-----------------|--------------------|--------------------------------------------------------------------------------|------------|
| RB2109   | 2.9                           | 5.5                           | 45        | ADJ              | Y              | Y               | Y                  | Transformer Kickback,Slow,Charge,<br>Separate Source & Sink Pin of IGBT Driver | TDFN2X2-10 |
| RB2132/A | 2.9                           | 5.5                           | 55        | ADJ              | Y              | Y               | Y                  | Transformer Kickback,Slow Charge,<br>Separate Source & Sink Pin of IGBT Driver | TDFN2X2-10 |

## 照明驱动器

| 产品型号   | V <sub>in</sub><br>(V)<br>min | V <sub>in</sub><br>(V)<br>max | PFC | Control<br>Mode | DIM<br>(k Hz) | V <sub>ISNS</sub><br>(V) | Internal<br>MOSFET<br>V <sub>DS</sub> (V) | 注释                                                                 | 封装                       |
|--------|-------------------------------|-------------------------------|-----|-----------------|---------------|--------------------------|-------------------------------------------|--------------------------------------------------------------------|--------------------------|
| RB2620 | 7                             | 36                            | --  | Hys.            | 0.1 ~ 1       | 0.1                      | 36                                        | Digital/Analog Dimming Control,<br>Open/Shorted LED Protection,OTP | SOT-23-5/<br>SOT-89-5    |
| RB2602 | 6.5                           | 36                            | --  | Current         | --            | 0.12                     | 36                                        | Digital/Analog Dimming Control,<br>UVP,OC,OV,OTP                   | TDFN3X3-12               |
| RB2623 | 6.5                           | 60                            | --  | Current         | --            | 0.2                      | Y                                         | Digital/Analog Dimming Control<br>UVP,OC,OV,OTP                    | SOP-8(FD)/<br>TDFN3X3-10 |
| RB2624 | 6.5                           | 60                            | --  | Current         | --            | 0.2                      | N                                         | Digital/Analog Dimming Control<br>UVP,OC,OV,OTP                    | MSOP-10(FD)              |

| VCM 驱动器 |                               |                               |                                     |        |               |                   |                                                                                                                   |             |
|---------|-------------------------------|-------------------------------|-------------------------------------|--------|---------------|-------------------|-------------------------------------------------------------------------------------------------------------------|-------------|
| 产品型号    | V <sub>CC</sub><br>(V)<br>min | V <sub>CC</sub><br>(V)<br>max | Driver<br>Control                   | DAC    | Driving       | Serial<br>Control | 注释                                                                                                                | 封装          |
| RB2048  | 2.1                           | 3.3                           | Uni-Direction                       | 10-Bit | 120           | I <sup>2</sup> C  | Open loop selectable AF with ASRC,<br>Tvib Compensation                                                           | WLCSP2X3-6  |
| RB2034  | 2.3                           | 3.6                           | Uni-Direction                       | 10-Bit | 120           | I <sup>2</sup> C  | Open loop AF                                                                                                      | WLCSP2X3-6  |
| RB2066  | 2.4                           | 3.6                           | Uni/Bi-Direction                    | 10-Bit | ±130          | I <sup>2</sup> C  | CLAF-Like AF with ASRC,<br>Tvib Compensation,3W SPI,<br>I <sup>2</sup> C Slave ID*2,VDDIO 1.6V to 3.3V            | WLCSP2X5-10 |
| RB2047  | 2.3                           | 3.6                           | Uni/Bi-Direction                    | 10-Bit | ±100          | I <sup>2</sup> C  | Open loop selectable AF with ASRC,<br>Tvib Compensation                                                           | WLCSP2X3-6  |
| RB2051  | 2.6                           | 3.6                           | Linear H-Bridge<br>Uni/Bi-Direction | 10-Bit | ±100          | I <sup>2</sup> C  | OIS+AF,2-CH Hall sensor bias,<br>2-CH Hall sensor Amp with<br>9-Bit Hall bias,<br>6-Bit Gain & 10-Bit Offset Comp | WLCSP3X9-27 |
| RB2067  | 2.3                           | 3.6                           | Linear H-Bridge<br>Uni/Bi-Direction | 11-Bit | ±150/<br>±100 | I <sup>2</sup> C  | CLAF-Like OIS+AF with ASRC<br>High Speed I <sup>2</sup> C,3W/4W SPI<br>1.8V LDO                                   | WLCSP3X9-27 |

| 前置栅极驱动器和 DrMOSFET |                   |                   |            |                  |               |                 |               |                           |                           |                                                                                    |                       |
|-------------------|-------------------|-------------------|------------|------------------|---------------|-----------------|---------------|---------------------------|---------------------------|------------------------------------------------------------------------------------|-----------------------|
| 产品型号              | Vcc<br>(V)<br>min | Vcc<br>(V)<br>max | Vin<br>(V) | Drive Capability |               |                 |               | HS <sub>RON</sub><br>(mΩ) | LS <sub>RON</sub><br>(mΩ) | 注释                                                                                 | 封装                    |
|                   |                   |                   |            | HS(Ω)<br>Source  | LS(Ω)<br>Sink | HS(Ω)<br>Source | LS(Ω)<br>Sink |                           |                           |                                                                                    |                       |
| RB6090            | 4.5               | 5.5               | 24         | 1                | 1             | 1               | 0.5           | --                        | --                        | HB Pre Gate Driver,Tri-State<br>PWM Input<br>EN,PWM,UVLO,STP,OTP                   | TDFN2X2-8             |
| RM2105A/<br>B     | 4.5               | 22                | 24         | 2A               | 1.4           | 2A              | 1.4           | --                        | --                        | HB Pre Gate Driver,Tri-State<br>PWM Input,<br>EN,PWM,UVLO,STP,OTP,AD<br>J Deadtime | MSOP-10/<br>SOP-8(FD) |
| RB5421            | 4.5               | 5.5               | 25         | --               | --            | --              | --            | 12<br>20                  | 8.7<br>30                 | HB DrMOSFET,Tri-State<br>PWM Input,<br>EN,PWM,UVLO,STP,OTP,AD<br>J OCP             | QFN4X4-23             |

| 电机驱动器             |                               |                               |                              |                              |     |                |                     |        |                                                                                                           |                                            |
|-------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|-----|----------------|---------------------|--------|-----------------------------------------------------------------------------------------------------------|--------------------------------------------|
| 产品型号              | V <sub>CC</sub><br>(V)<br>min | V <sub>CC</sub><br>(V)<br>max | V <sub>M</sub><br>(V)<br>min | V <sub>M</sub><br>(V)<br>max | CH  | Built-in<br>PI | Exterior<br>Control | nFAULT | 注释                                                                                                        | 封装                                         |
| RB2056/A          | 1.8                           | 7                             | 0                            | 11                           | 1   | --             | Y                   | --     | UVLO,OCP,OTP                                                                                              | SOP-8(FD)/<br>TDFN2X2-8                    |
| RB2010            | 2.2                           | 5                             | 1.8                          | 10.5                         | 1   | --             | Y                   | --     | FS                                                                                                        | SOP-8                                      |
| RB2024            | 2.5                           | 5                             | 4                            | 16                           | 1   | --             | Y                   | --     | HV FS                                                                                                     | TSSOP-14                                   |
| RB2057<br>RB2057B | --                            | --                            | 6.5                          | 40                           | 1   | --             | Y                   | --     | H-Bridge(3.5A),CC,OCP/OTP/SCP,<br>Adjustable PWM current limit<br>RB2057B OCP Latch/RB2057B OCP<br>Hiccup | SOP-8(FD)                                  |
| RB2057A           | --                            | --                            | 6.5                          | 40                           | 1   | --             | Y                   | --     | H-Bridge(3.5A),CC,OCP/OTP/SCP,<br>Adjustable PWM current limit<br>OCP Hiccup                              | SOP-8(FD)                                  |
| RB2035            | 3                             | 5.5                           | 8                            | 35                           | 2   | --             | Y                   | --     | 32 steps Micro-Stepping,<br>2A SCPIOPIOTP                                                                 | TQFN4X4-24/<br>QFN5X5-32/<br>TSSOP-24(FD)  |
| RB2069            | --                            | --                            | 1.8                          | 10                           | 2   | --             | Y                   | --     | 256 steps Micro-Stepping,<br>1.3A SCP/OCP/OTP                                                             | TQFN3X3-16                                 |
| RB2053            | --                            | --                            | 2.7                          | 10.8                         | 2   | --             | --                  | Y      | Dual H-Bridge (1A)<br>OCP/OTP/SCE                                                                         | TSSOP-16(FD)/<br>TQFN3X3-16/<br>TQFN4X4-16 |
| RM2068            | --                            | --                            | 5                            | 26                           | 3   | --             | Y                   | --     | 3-Phase (3*1/2 Bridge)DRV,<br>5.5A SCP/OCP/OTP/UVLO                                                       | QFN5X5-40                                  |
| RB2028            | 2.5                           | 6                             | 2.9                          | 6                            | 5+1 | 3              | Y                   | --     | CH~3: CW/FS,<br>CH4: CC/CV/FS,<br>CH5: CC/FS,I <sup>2</sup> C                                             | TQFN4X4-32                                 |
| *RB7328           | --                            | --                            | 4.5                          | 18                           | 6   | --             | Y                   | --     | 3-Phase Fan-Driver,Sensorless,MTP                                                                         | QFN4X4-24                                  |

| 电源管理芯片   |                               |                               |            |           |          |            |                                          |                                                                                                                                                                                                                           |                            |
|----------|-------------------------------|-------------------------------|------------|-----------|----------|------------|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| 产品型号     | V <sub>in</sub><br>(V)<br>min | V <sub>in</sub><br>(V)<br>max | DCDC<br>CH | LDO<br>CH | SW<br>CH | CHG<br>(A) | Control<br>Interface                     | 注释                                                                                                                                                                                                                        | 封装                         |
| RB2252   | 2.5                           | 5.5                           | 2          | 8         | --       | --         | I <sup>2</sup> C<br>ENx1                 | CH1=800mA buck converter,DVS<br>CH2=800mA buck-boost converter,<br>LDO1~2=200mA,LDO3~8=200mA                                                                                                                              | TQFN4X4-28                 |
| RB5100   | 4.25                          | 5.5                           | 3          | 2         | --       | --         | I <sup>2</sup> C<br>I <sup>3</sup> C     | JEDEC DDR5 Client PMIC R1.0.3 Compliant<br>SWA/B=4A buck converter,<br>SWC=1.5A buck converter                                                                                                                            | FCQFN3X4-28                |
| RB2257   | 2.7                           | 5.5                           | 4          | 1         | --       | --         | ENx<br>VFBx                              | DCDC1/2=3A,DCDC3/4=2A,<br>LDO1=600mA                                                                                                                                                                                      | QFN4X4-24                  |
| RB2253   | 2.8                           | 5.5                           | 4          | 1         | 1        | --         | ENx                                      | CH1~4=3.5A/2A/2.5A/2A<br>FSEL sets Fsw=1.5M/3M Hz,<br>RTCLDO=3.1V/150mA,SW=350mΩ,EN1~4                                                                                                                                    | TQFN4X4-28                 |
| RB2225/A | 2.8                           | 5.5                           | 4          | 1         | 1        | --         | ENx<br>SEQ                               | DCDC1/3=3.5A/2.5A,DCDC2/4=2A,<br>FSEL Fsw=1.5M/3M Hz,SW Ron 350mΩ<br>RB2225 RTCLDO=3.1/50mA,<br>RB2225ARTCLDO=1.8/50mA                                                                                                    | TQFN4X4-28                 |
| RB2156   | 2.95                          | 6                             | 4          | --        | --       | --         | MODE<br>ENx<br>VSETx                     | CH1~4=3N/1A/1A/1A,CH1 D <sub>MAX</sub> =90%,<br>CH1 supports DVS 1.05/1.15/1.25/1.31V<br>Built power sequence control,<br>EN1~4,SS,PG                                                                                     | TQFN4X4-32                 |
| RB2193/A | 6                             | 27                            | 4          | 1         | --       | --         | I <sup>2</sup> C<br>EN                   | HV DCDC1 Controller,VOUT Adj,450k Hz<br>DCDC2/3=3.5A/6A,0.7V~1.5V DVS<br>10mV/Step<br>DCDC4=3A,VOUT Adj,Mute function                                                                                                     | TQFN5X5-40                 |
| RB5851   | 2.8                           | 5.5                           | 4          | 8         | --       | --         | I <sup>2</sup> C<br>ENx1                 | DCDC1~4=2A,LDO1~<br>7=300mA,LDO8=50mA,<br>Power Key/Power Hold control,<br>SIM level shifter                                                                                                                              | WLCSP7X7-49<br>0.4mm Pitch |
| RB2237   | 3                             | 5.5                           | 5          | 1         | --       | --         | I <sup>2</sup> C<br>GPIOs                |                                                                                                                                                                                                                           | TQFN4X4-32                 |
| RB2206   | 2.6                           | 5.5                           | 6          | 3         | --       | 1          | I <sup>2</sup> C<br>Build in<br>Sequence | RTCLDO,LV LDO*2<br>Li-ion linear charger with DPPM,BC1.2,<br>Sync-Boost,Sync-Buck*3,Auto Buck-Boost,<br>Sync-Boost and Current Regulator for WLED                                                                         | TQFN5X5-40                 |
| RB2206B  | 2.6                           | 5.5                           | 6          | 3         | --       | --         | I <sup>2</sup> C<br>Build in<br>Sequence | RTCLDO,LV LDO*2<br>Li-ion linear charger with DPPM,<br>Sync-Boost,Sync-Buck*3,Auto Buck-Boost<br>Sync-Boost and Current Regulator for WLED                                                                                | TQFN5X5-40                 |
| RB2227   | 3                             | 5.5                           | 6          | 3         | --       | --         | I <sup>2</sup> C<br>GPIOs                | DCDC1/3/4/5/6=2A,DCDC2=3A<br>DCDC2/3/5/6 DVS 0.8V~1.1875V/12.5mV,<br>RTCLDO=50mA,LDO2/3=600mA                                                                                                                             | TQFN5X5-32                 |
| *RB2194  | 2.9                           | 9                             | 6          | 6         | --       | --         | I <sup>2</sup> C<br>EN                   | VPOS1/VNEG1=200mA<br>VPOS2/CNEG2=300mA<br>VPOS3/VNEG3=400mA<br>Tracking VPOS2/3+VNEG2/3=±50mV<br>CP*3 for VGH1/VGH2=30mA,VGL=30mA<br>OPA,DC_VCOM & AC_VCOM<br>NTC Monitoring,UVP/SCP/OCF/OTP/UVLO                         | QFN8X8-72                  |
| *RB2195  | 10.8                          | 13.2                          | 12         | --        | --       | --         | I <sup>2</sup> C<br>EN                   | 10-CH Controller,2-CH Converter<br>VPOS1~3/VNEG1~3=1.6A<br>Tracking VPOS1/2/3+VNEG1/2/3=±500mV<br>VGH1/VGH2/VGL=200mA<br>VCOMH/VCOML/DCVCOM=2.5A<br>SW_CTL*2 for DC_VCOM & AC_VCOM<br>NTC Monitoring,UVP/SCP/OCF/OTP/UVLO | QFN12X12-100               |

| 显示面板电源管理芯片 |                   |                   |                  |            |            |             |             |            |                                                                                                                    |            |
|------------|-------------------|-------------------|------------------|------------|------------|-------------|-------------|------------|--------------------------------------------------------------------------------------------------------------------|------------|
| 产品型号       | Vin<br>(V)<br>min | Vin<br>(V)<br>max | AVDD<br>(V)      | VGH<br>(V) | VGL<br>(V) | Buck<br>(V) | LDO<br>(V)  | OP<br>(CH) | 注释                                                                                                                 | 封装         |
| RB5517     | 2.5               | 5.5               | ADJ              | ADJ        | ADJ        | --          | --          | 1          | AVDD Async-Boost<br>VGH/VGL Charge-Pump,<br>VCOM,GPM,Voltage Detector                                              | TQFN4X4-24 |
| RB2521     | 2.6               | 5.5               | ADJ              | ADJ        | ADJ        | --          | --          | 3          | AVDD Async-Boost,<br>VGH Charge-Pump,OPA*3,<br>VGL Buck-Boost,NTC,<br>7-CH Level-Shifter                           | TQFN6X6-48 |
| RB2523     | 2.6               | 5.5               | ADJ              | ADJ        | ADJ        | --          | --          | 3          | AVDD Async-Boost,<br>VGH Charge-Pump,OPA*3,<br>VGL Buck-Boost,NTC                                                  | TQFN4X4-32 |
| RB5519A    | 2.5               | 5.5               | ADJ              | ADJ        | ADJ        | --          | --          | 5          | AVDD Async-Boost,<br>GON and GOFF Controller,<br>OPA*5,Switch Controller                                           | TQFN5X5-32 |
| RB5521/A   | 2.5               | 5.5               | ADJ              | ADJ        | -AVDD      | --          | ADJ         | 1          | AVDD Async-Boost,<br>VGH Charge-Pump,<br>OPA,GPM,Voltage Detector                                                  | TQFN4X4-24 |
| RB2517     | 2.5               | 6                 | 4.5~11           | 3*AVDD     | -AVDD      | --          | 1.2<br>~2.8 | 2          | AVDD Sync-Boost<br>OPA,DVCOM,GPM,Reset,I <sup>2</sup> C                                                            | TQFN4X4-20 |
| RS2707     | 2.7               | 5.5               | 4.0~16<br>-10~-4 | 8~36       | -24~-6     | 0.8~3.3     | --          | 3          | Automotive<br>AVDD Sync-Boost,<br>NAVDD Inverting<br>VGH/VGL Charge Pump,<br>Sync Buck VCOM GMA*2 I <sup>2</sup> C | TQFN5X5-32 |

\*敬请期待

| 显示面板电源管理芯片 |                               |                               |                      |            |                      |                                |             |            |                                                                                                                                                       |                           |
|------------|-------------------------------|-------------------------------|----------------------|------------|----------------------|--------------------------------|-------------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| 产品型号       | V <sub>in</sub><br>(V)<br>min | V <sub>in</sub><br>(V)<br>max | AVDD<br>(V)          | VGH<br>(V) | VGL<br>(V)           | Buck<br>(V)                    | LDO<br>(V)  | OP<br>(CH) | 注释                                                                                                                                                    | 封装                        |
| RB2518     | 2.5                           | 5.5                           | 4.5~11               | 10~37      | -11~-4.4<br>-18~-4.4 | 0.8~2.8<br>1.0~2.8             | 1.0<br>~2.8 | 2          | AVDD Sync-Boost<br>VGH Boost,NTC,<br>VGL Charge-Pump*2,<br>Sync-Buck*2,Reset<br>DVCOM,GPM,I <sup>2</sup> C                                            | TQFN3.5X6.5-40            |
| RB2513     | 2.5                           | 5                             | 4.0~6.5<br>-6.1~-4.0 | 6~28       | -18~-54              | 0.8~2.06<br>1.0~2.55           | 1.7<br>~2.8 | 3          | AVDD Sync-Boost<br>AVEE Charge-Pump,<br>VGH/VGL SIMO converter,<br>Sync-Buck*2,Reset<br>DVCOM,GMA*2,I <sup>2</sup> C                                  | WQFN3.5X3.5-28            |
| RB2515     | 2.5                           | 5                             | 4.0~7.0<br>-7.0~4.0  | 8~36       | -18~-5.4             | 0.8~2.06<br>1.0~2.55           | 1.7<br>~2.8 | 3          | AVDD Sync-Boost,<br>AVEE Inverting<br>VGH/VGL SIMO converter<br>Sync-Buck*2,Reset,<br>DVCOM,GMA*2,I <sup>2</sup> C                                    | WQFN3.5X3.5-28            |
| RB2514A    | 2.5                           | 5                             | 7~13.5               | 6~28       | -13~4.4              | 0.8~2.0<br>1.0~2.8             | 1.0<br>~2.8 | 4          | AVDD Sync-Boost,<br>VGH Boost<br>Charge-Pump,<br>Sync-Buck*2,Reset*2<br>DVCOM,GAM*2,HAVDD,I <sup>2</sup> C                                            | WQFN3.5X3.5-28            |
| RB2517A    | 2.5                           | 5.5                           | 7~13.5               | 10~34      | -AVDD                | 0.8~2.8                        | 1.0<br>~2.8 | 4          | VDD Async-Boost,<br>VGH/VGL Charge-Pump,<br>Sync-Buck,Reset*2,<br>DVCOM,GAM*2,HAVDD,I <sup>2</sup> C                                                  | TQFN3.5X3.5-24            |
| RB5562/A   | 8                             | 14                            | ADJ                  | ADJ        | ADJ                  | ADJ                            | --          | 1          | AVDD Async-Boost<br>VGH/VGL Charge-Pump<br>Async-Buck,HV LDO,<br>VCOM,GPM,Voltage Detector                                                            | TQFN7X7-48                |
| RB2562     | 8                             | 14                            | 13.5~19.8            | 20~35      | -14.5<br>~-5.5       | 2.2~3.7<br>0.8~3.0<br>4.8~11.1 | --          | --         | AVDD Async-Boost<br>VGH/VGL Charge pump<br>Async-Buck,Sync-Buck*2<br>GPM,NTC,I <sup>2</sup> C                                                         | QFN6X6-40                 |
| RB2531     | 9.5                           | 14                            | 13.5~19              | 19~34      | -14.0~4<br>-11.5~-4  | 0.968~2.022<br>2.2~3.7         | --          | 1          | AVDD Async-Boost<br>VGH/VGL1 Cont/Charge<br>pump,<br>VGL2 Regulator,8-Bit HAVDD,<br>Async Buck*2,NTC,I <sup>2</sup> C                                 | TQFN5X5-40/<br>TQFN6X6-48 |
| RB2510S    | 9.5                           | 14                            | 13.5~19              | 19~34      | -14.0~4<br>-11.5~-4  | 0.968~2.022<br>2.2~3.7         | --          | 1          | AVDD Async-Boost<br>VGH/VGL1 Cont/Charge<br>pump,<br>VGL2 Regulator,8-Bit HAVDD,<br>Async Buck*2,NTC,I <sup>2</sup> C                                 | TQFN5X5-40                |
| RB2733     | 8                             | 14                            | 13.5~19.8            | 20~35      | -14.7~2.1            | 2.2~3.7                        | --          | 17         | PMIC+Gamma AMP<br>AVDD Async-Boost<br>VGH/VGL1 Charge pump<br>HAVDD,VCOM*2,GMA*14.<br>Async Buck*1,NTC,I <sup>2</sup> C                               | TQFN6.5X4.5-46            |
| RB2732P    | 4.3                           | 14.7                          | 13.5~19.8            | 20~45      | -18~3<br>-16~-3      | 1.8~3.35                       | --          | 17         | PMIC+Gamma AMP<br>AVDD Async-Boost<br>VGH/VGL1 Cont/Charge<br>pump,<br>HAVDD,VCOM*2,GMA*14.<br>Async Buck*1,NTC,I <sup>2</sup> C                      | TQFN6.5X4.5-46            |
| RB2532P    | 8.6                           | 14.7                          | 13.5~19.8            | 20~45      | -18~3<br>-16~-3      | 1.8~3.35                       | --          | 17         | PMIC+Gamma AMP<br>AVDD Async-Boost<br>VGH1IN7GL1 Cont/Charge<br>pump,<br>HAVDD,VCOM2,GMA*14.<br>Async Buck*1,NTC,I <sup>2</sup> C                     | TQFN6.5X4.5-46            |
| RB2732     | 8.6                           | 14.7                          | 13.5~19.8            | 20~45      | -18~3<br>-16~-3      | 1.8~3.35                       | --          | 17         | PMIC+Gamma AMP+LS<br>AVDD Async-Boost<br>VGH/VGL1 Cont/Charge<br>pump,<br>HAVDD,VCOM*2,GMA*14<br>Async Buck*1,NTC<br>Level Shifts*16,I <sup>2</sup> C | TQFN8X8-68                |

| 嵌入延迟时间    |                               |                               |                                   |                 |               |                             |                                                                |                     |
|-----------|-------------------------------|-------------------------------|-----------------------------------|-----------------|---------------|-----------------------------|----------------------------------------------------------------|---------------------|
| 产品型号      | V <sub>cc</sub><br>(V)<br>min | V <sub>cc</sub><br>(V)<br>max | Detecting<br>Voltage<br>(V)       | Manual<br>Input | Delay<br>(ms) | I <sub>SUPPLY</sub><br>(uA) | 注释                                                             | 封装                  |
| RB670/1   | 1                             | 5.5                           | 2.63/2.93/3.08/<br>3.33/4.00/4.38 | N               | 2             | 16.5                        | RB670H/L Push-Pull High/Low Output<br>RB671L Open-Drain Output | SC-70-3/<br>SOT-89  |
| RB690/1   | 1                             | 5.5                           | 2.63/2.93/3.08/<br>4.00/4.38/4.63 | N               | 140           | 10                          | RB690HL Push-Pull High/Low Output<br>RB691L Open-Drain Output  | SC-70-3/<br>SOT-23  |
| RB692/3   | 1                             | 5.5                           | 2.63/2.93/3.08                    | Y               | 230           | 14                          | RB692HL Push-Pull High/Low Output<br>RB693L Open-Drain Output  | SC-70-5/<br>SOT-143 |
| RB632     | 1                             | 5.5                           | 2.93                              | Y               | 360           | 10                          | Push-Pull Output<br>Manual Reset Input                         | SOT-143             |
| RB66/1/21 | 1.1                           | 5.5                           | 2.25/2.631<br>2.93/4.55           | Y               | 200           | 10                          | RB660/1/2 has a watchdog Outpu<br>RB660/1 has a MR#            | SOT-23-5            |
| RB663     | 1.1                           | 5.5                           | 2.25/2.63/<br>2.93/4.55           | Y               | 200           | 10                          | Push-Pull Output<br>Dual Outputs                               | SOT-23-5            |

| 可调延迟时间  |                            |                            |                                         |                             |                      |                          |                                                                                                                                                                |                                                    |
|---------|----------------------------|----------------------------|-----------------------------------------|-----------------------------|----------------------|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| 产品型号    | V <sub>CC</sub> (V)<br>min | V <sub>CC</sub> (V)<br>max | Detecting Voltage (V)                   | I <sub>CD</sub> source (uA) | V <sub>TCD</sub> (V) | I <sub>SUPPLY</sub> (uA) | 注释                                                                                                                                                             | 封装                                                 |
| RB623   | 0.8                        | 6                          | 2.9/1.8                                 | 40                          | 0.5*V <sub>CC</sub>  | 1                        | 1+3 Power rails Detecting                                                                                                                                      | SOP-8(FD)                                          |
| RB696/7 | 0.8                        | 5.5                        | 2.63/2.93/3.08/<br>3.33/4.00/4.38       | 0.88                        | 1.25                 | 14                       | RB696H/L Push-Pull High/Low Output<br>RB697L Open-Drain Output<br>T <sub>CD</sub> (ms)=1,685*C <sub>D</sub> (uF)                                               | SOT-23-5/<br>TSOT-23-5                             |
| RB674/5 | 0.8                        | 5.5                        | 2.0/2.2/2.4                             | 0.09                        | 0.5                  | 35                       | RB674HL Push-Pull High/Low Output<br>RB675L Open-Drain Output<br>T <sub>CD</sub> (ms)=6,740*C <sub>D</sub> (uF)                                                | SOT-23-5<br>TDFN2X2-6                              |
| RB676/7 | 1                          | 5.5                        | 2.63/2.93/3.08/<br>3.33/4.00/4.38       | 0.67                        | 1.25                 | 14                       | RB676L Push-Pull Output<br>RB677L Open-Drain Output<br>T <sub>CD</sub> (ms)=1,860*C <sub>D</sub> (uF)<br>T <sub>MB</sub> (ms)=88,000*C <sub>MB</sub> (uF)      | SOT-23-6/<br>ADFN1.5X1.5-6                         |
| RB682/3 | 2.7                        | 5.5                        | Independent<br>V <sub>SEN</sub> =0.788V | --                          | 0.788                | 12                       | RB682H/L Push-Pull High/Low Output<br>RB683L Open-Drain Output<br>T <sub>CD</sub> (ms)=2,700*C <sub>D</sub> (uF)<br>V <sub>SEN</sub> can be separated from VCC | SC-70-5/<br>SOT-23-5<br>TSOT-23-5/<br>DFN1.6X1.6-6 |

| 热开关   |                            |                            |             |           |           |                          |               |                                   |                              |
|-------|----------------------------|----------------------------|-------------|-----------|-----------|--------------------------|---------------|-----------------------------------|------------------------------|
| 产品型号  | V <sub>CC</sub> (V)<br>min | V <sub>CC</sub> (V)<br>max | Sensor Site | Sensor CH | HYST (°C) | I <sub>SUPPLY</sub> (uA) | Accuracy (°C) | 注释                                | 封装                           |
| RB708 | 2.7                        | 5.5                        | Local       | 1         | 10 or 30  | 33                       | ±3.5          | OT is set by an external resistor | SOT-23-5                     |
| RB709 | 2.7                        | 5.5                        | Local       | 1         | 10 or 2   | 33                       | ±3.5          | OT is set by an external resistor | SOT-23-5/6/<br>ADFN1.5X1.5-6 |
| RB718 | 2.7                        | 5.5                        | Remote      | 2         | Resistor  | 42                       | --            | NTC is needed                     | SOT-23-8                     |

| 温度传感器 |                            |                            |                      |              |           |                          |               |                                         |                     |
|-------|----------------------------|----------------------------|----------------------|--------------|-----------|--------------------------|---------------|-----------------------------------------|---------------------|
| 产品型号  | V <sub>CC</sub> (V)<br>min | V <sub>CC</sub> (V)<br>max | V <sub>OUT</sub> (V) | Gain (mV/°C) | Temp (°C) | I <sub>SUPPLY</sub> (uA) | Accuracy (°C) | 注释                                      | 封装                  |
| RB711 | 2                          | 5.5                        | 2.5~0.3              | -11.6        | -55~130   | 18                       | ±1            | V <sub>out</sub> =2.5V-0.3V@-55°C~130°C | SC-70-3/<br>SC-70-5 |

| 数字接口温度传感器        |                            |                            |           |          |           |                    |               |                                                      |                      |
|------------------|----------------------------|----------------------------|-----------|----------|-----------|--------------------|---------------|------------------------------------------------------|----------------------|
| 产品型号             | V <sub>CC</sub> (V)<br>min | V <sub>CC</sub> (V)<br>max | Remote CH | Local CH | Interface | Slave Address      | Accuracy (°C) | 注释                                                   | 封装                   |
| RB754            | 1.6                        | 3.6                        | --        | 1        | SMBus     | 1110xxx            | ±2            | -10°C to 100°C±2°C(max)                              | WLCS2X2-4            |
| RB756/A          | 1.6                        | 3.6                        | --        | 1        | SMBus     | 10010xx            | ±2            | -10°C to 100°C±2°C(max)                              | SOT-563              |
| RB751            | 3                          | 5.5                        | --        | 1        | SMBus     | 1001xxx            | ±2            | 9 bits resolution                                    | SOP-8/<br>MSOP-8     |
| RB753 H          | 3                          | 3.6                        | --        | 1        | SMBus     | 1001000            | ±1<br>±2      | -10°C to 80°C±1°C(max)<br>-55°C to 125°C±3°C(max)    | SOT-23-5             |
| RM7533           | 3                          | 3.6                        | --        | 1        | SMBus     | 1001000            | ±2<br>±3      | -10°C to 100°C ±2°C(max)<br>-55°C to 125°C±3°C(max)  | SOT-23-5             |
| RB781<br>RB781-1 | 3                          | 5.5                        | 1         | 1        | SMBus     | 1001100<br>1001101 | ±1            | Remote up to 160°C                                   | M/SOP-8(FD)          |
| RB788<br>RB788-1 | 3                          | 3.6                        | 1         | 1        | SMBus     | 1001100<br>1001101 | ±1            | THERM or ALERT Limitation is set by pull-up resistor | MSOP-8/<br>TDFN3X3-8 |

| 带风扇控制器的热传感器 |                            |                            |           |          |        |               |               |                            |          |
|-------------|----------------------------|----------------------------|-----------|----------|--------|---------------|---------------|----------------------------|----------|
| 产品型号        | V <sub>CC</sub> (V)<br>min | V <sub>CC</sub> (V)<br>max | Remote CH | LOCAL CH | Fan CH | Slave Address | Accuracy (°C) | 注释                         | 封装       |
| RB7931      | 4.5                        | 5.5                        | 2         | 1        | 3      | Selectable    | ±1            | ADD0 for address selection | TSSOP-20 |
| RB7932      | 4.5                        | 5.5                        | 2         | 1        | 4      | 0111001       | ±1            | Build-in clock             | TSSOP-20 |

| 风扇速度控制器和驱动器 |     |     |     |        |                  |               |                |                                               |         |
|-------------|-----|-----|-----|--------|------------------|---------------|----------------|-----------------------------------------------|---------|
| 产品型号        | min | max | (A) | (k Hz) | Interface        | Slave Address | Speed Control  | 注释                                            | 封装      |
| RB761       | 3   | 5.5 | 1   | 32.768 | I <sup>2</sup> C | Selectable    | Linear/<br>PWM | ADD0 for address selection, FG, ALERT#, CLK1% | MSOP-10 |

| 线性风扇驱动器 |                               |                               |                         |                         |                         |                |     |              |           |
|---------|-------------------------------|-------------------------------|-------------------------|-------------------------|-------------------------|----------------|-----|--------------|-----------|
| 产品型号    | V <sub>CC</sub><br>(V)<br>min | V <sub>CC</sub><br>(V)<br>max | I <sub>OUT</sub><br>(A) | V <sub>OUT</sub><br>(V) | V <sub>OUT</sub><br>SET | Dropout<br>(V) | EN  | 注释           | 封装        |
| RB9941A | 8                             | 15                            | 0.5                     | 2.5XV <sub>SET</sub>    | V <sub>SET</sub>        | 0.5            | YES | OTP          | SOP-8(FD) |
| RB9941  | 8                             | 15                            | 0.5                     | 4XV <sub>SET</sub>      | V <sub>SET</sub>        | 0.5            | YES | OCF, OTP     | SOP-8(FD) |
| RB994   | 10                            | 20                            | 0.5                     | 4XV <sub>SET</sub>      | V <sub>SET</sub>        | 0.5            | YES | OCF, OTP     | SOP-8(FD) |
| RB5363  | 12                            | 28                            | 0.4                     | 7.3XV <sub>SET</sub>    | V <sub>ADM</sub>        | 0.12           | YES | OCF, OTP, SS | SOP-8(FD) |

| 单电源 LDO   |                               |                               |                         |                                         |                |     |              |                        |                                                 |                                                                 |
|-----------|-------------------------------|-------------------------------|-------------------------|-----------------------------------------|----------------|-----|--------------|------------------------|-------------------------------------------------|-----------------------------------------------------------------|
| 产品型号      | V <sub>IN</sub><br>(V)<br>min | V <sub>IN</sub><br>(V)<br>max | I <sub>OUT</sub><br>(A) | V <sub>OUT</sub><br>(V)                 | Dropout<br>(V) | EN  | Dis-R<br>(Ω) | I <sub>Q</sub><br>(uA) | 注释                                              | 封装                                                              |
| RB2259    | 2.5                           | 5.5                           | 0.15                    | 1.1-5.0                                 | 0.5            | Y   | 125          | 0.6                    | MLCC, Ultra Low I <sub>Q</sub>                  | SOT-23-5/<br>UDFN1X1-4/<br>ADFN0.8X0.8-4                        |
| RB9103    | 2.4                           | 6                             | 0.2                     | 1.21 - 5.0                              | 0.13           | Y   | 100          | 25                     | PSRR 75dB                                       | SOT-563/<br>TSOT-23-5/<br>UDFN1X1-4                             |
| RB2920    | 3.5                           | 36                            | 0.2                     | 3.3/5/ADJ                               | 0.5            | Y   | --           | 2.5                    | MLCC, Low I <sub>Q</sub>                        | SOT-23-5                                                        |
| RB2921    | 3.5                           | 36                            | 0.2                     | 3.3/5                                   | 0.5            | Y   | --           | 3.5                    | MLCC, Low I <sub>Q</sub>                        | SOT-23-3/<br>TDFN2X2-6                                          |
| RB2260    | 2.5                           | 6.5                           | 0.25                    | 1.5-5.0                                 | 0.15           | N/Y | 125          | 1                      |                                                 | SOT-23-3/5/<br>UDFN1X1-4                                        |
| RB9091    | 2.5                           | 6                             | 0.3                     | 1.2/1.8/<br>2.5/2.8/3.3                 | 0.21           | Y   | 200          | 80                     | MLCC                                            | SC-70-5/SOT-23-5/<br>TSOT-23-5/<br>T/DFN1.6X1.6-6/<br>TDFN2X2-6 |
| RB9091B   | 2.5                           | 6                             | 0.3                     | 1.8/3.3                                 | 0.1            | Y   | 400          | 80                     |                                                 | TDFN2X2-6                                                       |
| RB9090    | 2.5                           | 6                             | 0.3                     | 1.5/1.8/2.8/<br>3.0/3.1/3.3             | 0.21           | Y   | 230          | 80                     | MLCC                                            | SOT-23-5/<br>TSOT-23-5/<br>TDFN2X2-6                            |
| RB918     | 2.5                           | 6                             | 0.3                     | ADJ(0.8)                                | 0.24           | Y   | Y            | 100                    | MLCC                                            | T/SOT-23-5                                                      |
| RB917     | 2.5                           | 6                             | 0.3                     | ADJ(1.2)                                | 0.24           | Y   | Y            | 100                    | MLCC                                            | SOT-23-5                                                        |
| RB916     | 2.5                           | 6                             | 0.3                     | 1.2/1.8/2.5/3.3                         | 0.24           | Y   | Y            | 90                     | MLCC                                            | SOT-23-5                                                        |
| RB913C    | 2.5                           | 5.5                           | 0.3                     | 3.3                                     | 0.4            | Y   | Y            | 90                     | MLCC                                            | SOT-23-5                                                        |
| RB9001    | 2.5                           | 7                             | 0.5                     | 1.2/1.8/2.5/<br>3.15/3.3/5.0            | 0.3            | Y   | 200          | 80                     | MLCC                                            | T/SOT-23-5/<br>SOT-89                                           |
| RB983     | 2.5                           | 6                             | 0.6                     | 1.7/1.8/2.5/3.3                         | 0.2            | Y   | --           | 300                    | MLCC                                            | SOT-8                                                           |
| RB9141    | 2.5                           | 5.5                           | 0.6                     | ADJ(1.0)                                | 0.8            | Y   | Y            | 90                     | MLCC                                            | SOT-23-5                                                        |
| RB933     | 4                             | 6.5                           | 0.6                     | 3.3                                     | 0.65           | N   | --           | 300                    |                                                 | SOT-89-3                                                        |
| RB912     | 2.7                           | 6.5                           | 1                       | 1.2                                     | 1.55           | N   | --           | 480                    |                                                 | SOT-223-3                                                       |
| RB1117-XX | 3                             | 6                             | 1                       | 1.8/2.5/3.3                             | 1.3            | N   | --           | 600                    |                                                 | SOT-223-3                                                       |
| RB950     | 3.3                           | 6                             | 1                       | 2.5                                     | 1.15           | N   | --           | 600                    |                                                 | SOT-223-3                                                       |
| RB960     | 4                             | 7                             | 1                       | 3.3                                     | 0.8            | N   | --           | 600                    |                                                 | SOT-223-3/<br>TO-252-3                                          |
| *RB9822B  | 2.5                           | 5.5                           | 1.2                     | ADJ(0.5)                                | 0.2            | Y   | 300          | 100                    |                                                 | TDFN3X3-8                                                       |
| RB9916    | 2.4                           | 5.5                           | 1.5                     | 1.2/1.8/2.5/3.3                         | 0.4            | N   | N            | 1200                   |                                                 | SOT-223-3                                                       |
| RB9915    | 2.2                           | 7                             | 1.5                     | 1.2/1.8/2.5/3.3                         | 0.4            | N   | --           | 3000                   | MLCC                                            | TO-252-3                                                        |
| RB9822    | 2.5                           | 6                             | 2                       | ADJ(0.6)                                | 0.4            | Y   | 330          | 100                    |                                                 | SOP-8(FD)                                                       |
| *RB9822A  | 2.5                           | 5.5                           | 2                       | ADJ(0.5)                                | 0.4            | Y   | 330          | 100                    |                                                 | SOP-8(FD)                                                       |
| RB8801    | 1.3                           | 5.5                           | 0.5/1.0                 | Fixed: 0.85 -<br>4.3<br>ADJ: 0.85 - 5.0 | 0.095          | Y   | --           | 85                     | High PSRR, Low<br>Noise, Fast<br>Transient      | DFN1216-8,<br>SOT-23-5 (0.5A),<br>SOT89-5 (0.5A)                |
| RB8802    | 1.3                           | 5.5                           | 0.5/1.0                 | Fixed: 0.85 -<br>4.3<br>ADJ: 0.85 - 5.0 | 0.095          | Y   | --           | 50                     | High PSRR, Low<br>Noise, Fast<br>Transient      | DFN1216-8,<br>SOT-23-5 (0.5A),<br>SOT89-5 (0.5A)                |
| RB8807    | 1.2                           | 5.5                           | 0.35                    | Fixed: 0.8 - 4.5<br>ADJ: 0.8 - 5.0      | 0.15           | Y   | --           | 1.3                    | Ultra Low IQ, High<br>PSRR, Fast<br>Transient   | DFN1*1-4,<br>SOT-23-5                                           |
| RB8809    | 1.4                           | 5.5                           | 0.5                     | Fixed: 0.8 - 4.5<br>ADJ: 0.8 - 5.0      | 0.295          | Y   | --           | 60                     | High PSRR, Wild<br>Bandwidth,<br>Fast Transient | DFN1212-8                                                       |
| RS1117    | Vo+<br>1.3V                   | 13                            | 1.2                     | 1.2/1.5/1.8/<br>2.5/3.3/5/ADJ           | 1.1            | --  | --           | --                     | Stable with Low<br>ESR MLCC                     | SOT-223                                                         |
| RB78L     | 7                             | 36                            | 0.1                     | 5/12/15                                 | 1.7            | --  | --           | --                     |                                                 | SOP8, SOT89                                                     |
| RB7A0xx   | 2.1                           | 5.5                           | 0.3                     | 1.2/1.5/1.8/2.5<br>/3.3/ADJ             | 0.25           | --  | --           | --                     | Ultra Low Power                                 | SOT23-5, DFN                                                    |
| RB709xx   | 2.7                           | 45                            | 0.35                    | 1.8/2.5/<br>3.3/5/ADJ                   | 0.95           | --  | --           | --                     | Ultra Low Power                                 | SOT-23-5                                                        |
| *RA1011   | 2.2                           | 5.5                           | 0.15                    | 1.8/2.5/2.8<br>3.3/5                    | 0.23           | --  | 330          | 0.6                    | Ultra-Low IQ                                    | SOT-23-5L                                                       |

\*敬请期待

| 双电源 LDO           |                               |                               |                         |                                           |                |    |              |                        |                                            |                           |
|-------------------|-------------------------------|-------------------------------|-------------------------|-------------------------------------------|----------------|----|--------------|------------------------|--------------------------------------------|---------------------------|
| 产品型号              | V <sub>in</sub><br>(V)<br>min | V <sub>in</sub><br>(V)<br>max | I <sub>OUT</sub><br>(A) | V <sub>OUT</sub><br>(V)                   | Dropout<br>(V) | EN | Dis-R<br>(Ω) | I <sub>q</sub><br>(uA) | 注释                                         | 封装                        |
| RB9107            | 2.8                           | 6                             | 0.3                     | ADJ                                       | 0.1            | Y  | 100          | 30                     | Uninterruptible<br>VOUT<br>from IN1 or IN2 | SOT23-6/8/<br>TDFN2X2-6/8 |
| RB940             | 1                             | 5.5                           | 0.8                     | ADJ(0.5)                                  | 0.2            | Y  | Y            | 20                     | MLCC                                       | TDFN3X2-8                 |
| RB942             | 1                             | 5.5                           | 1                       | ADJ(0.5)                                  | 0.3            | Y  | 35           | 20                     | MLCC                                       | SOP-8(FD)                 |
| RB943             | 1                             | 5.5                           | 1                       | 0.9/1.0511.2/1.511.8/<br>2.5/3.3/ADJ(0.8) | 0.3            | Y  | 35           | 60                     | VOUT set by<br>SET1 & SET2                 | SOP-8(FD)                 |
| RB947             | 1                             | 5.5                           | 1.5                     | ADJ(0.8)                                  | 0.12           | Y  | 70           | --                     | MLCC, POK, SS                              | TDFN3X3-10                |
| RB946             | 1                             | 5.5                           | 3                       | ADJ(0.8)                                  | 0.23           | Y  | 85           | 60                     | MLCC, POK                                  | SOP-8(FD)                 |
| RB9458            | 1                             | 5.5                           | 3                       | ADJ(0.8)                                  | 0.23           | Y  | 70           | 60                     | MLCC, POK                                  | SOP-8(FD)/<br>TDFN3X3-10  |
| RB9661<br>RB9661M | 1.1                           | 5.5                           | 3                       | ADJ(0.8)                                  | 0.3            | Y  | 90           | 900                    | MLCC, POK, SS                              | SOP-8(FD)/<br>TDFN3X3-10  |
| RB966A            | 1.1                           | 5.5                           | 3                       | ADJ(0.8)                                  | 0.45           | Y  | 90           | 1000                   | MLCC, POK, SS                              | SOP-8(FD)                 |
| RB9336            | 4.5                           | 5.5                           | --                      | ADJ(0.8)                                  | --             | Y  | --           | 250                    | LDO driver                                 | TSOT-23-6                 |

| 基准源     |             |             |                                   |                                 |                                 |                                        |                          |                        |                          |          |
|---------|-------------|-------------|-----------------------------------|---------------------------------|---------------------------------|----------------------------------------|--------------------------|------------------------|--------------------------|----------|
| 产品型号    | Subcategory | VREF<br>(V) | Temp<br>coeffmax<br>(max)(ppm/°C) | V <sub>in</sub><br>(min)<br>(V) | V <sub>in</sub><br>(max)<br>(V) | Initial<br>accuracy<br>max<br>(max)(%) | I <sub>out</sub><br>(mA) | I <sub>q</sub><br>(uA) | 注释                       | 封装       |
| RS431   | Shunt       | 2.500       | 20                                | 2.5                             | 36                              | 0.4                                    | 100                      | 400                    | -                        | SOT-23-3 |
| RS432   | Shunt       | 1.250       | 20                                | 1.25                            | 18                              | 0.4                                    | 100                      | 400                    | -                        | SOT-23-3 |
| RSR3012 | Serial      | 1.250       | 50                                | 1.8                             | 5.5                             | 0.2                                    | 25                       | 80                     | Low power<br>consumption | SOT-23-3 |
| RSR3020 | Serial      | 2.048       | 50                                | VREF + 0.05                     | 5.5                             | 0.2                                    | 25                       | 50                     | Low power<br>consumption | SOT-23-3 |
| RSR3025 | Serial      | 2.500       | 50                                | VREF + 0.05                     | 5.5                             | 0.2                                    | 25                       | 50                     | Low power<br>consumption | SOT-23-3 |
| RSR3030 | Serial      | 3.000       | 50                                | VREF + 0.05                     | 5.5                             | 0.2                                    | 25                       | 50                     | Low power<br>consumption | SOT-23-3 |
| RSR3033 | Serial      | 3.300       | 50                                | VREF + 0.05                     | 5.5                             | 0.2                                    | 25                       | 50                     | Low power<br>consumption | SOT-23-3 |
| RSR3040 | Serial      | 4.096       | 50                                | VREF + 0.05                     | 5.5                             | 0.2                                    | 25                       | 50                     | Low power<br>consumption | SOT-23-3 |
| RSR5012 | Serial      | 1.250       | 10                                | 1.8                             | 5.5                             | 0.1                                    | 25                       | 50                     | High<br>Performance      | SOP-8    |
| RSR5020 | Serial      | 2.048       | 10                                | VREF + 0.05                     | 5.5                             | 0.1                                    | 25                       | 50                     | High<br>Performance      | SOP-8    |
| RSR5025 | Serial      | 2.500       | 10                                | VREF + 0.05                     | 5.5                             | 0.1                                    | 25                       | 50                     | High<br>Performance      | SOP-8    |
| RSR5030 | Serial      | 3.000       | 10                                | VREF + 0.05                     | 5.5                             | 0.1                                    | 25                       | 50                     | High<br>Performance      | SOP-8    |
| RSR5033 | Serial      | 3.300       | 10                                | VREF + 0.05                     | 5.5                             | 0.1                                    | 25                       | 50                     | High<br>Performance      | SOP-8    |
| RSR0540 | Serial      | 4.096       | 10                                | VREF + 0.05                     | 5.5                             | 0.1                                    | 25                       | 50                     | High<br>Performance      | SOP-8    |

| 复位 IC  |                        |                        |                        |                                                      |                          |                                             |                                                                |                                                                  |                                                                                |              |
|--------|------------------------|------------------------|------------------------|------------------------------------------------------|--------------------------|---------------------------------------------|----------------------------------------------------------------|------------------------------------------------------------------|--------------------------------------------------------------------------------|--------------|
| 产品型号   | V <sub>in</sub><br>(V) | Gross<br>Die<br>(K ea) | I <sub>q</sub><br>(uA) | Negative<br>-going<br>input<br>threshold<br>accuracy | Hysteresis<br>on VIT pin | Input<br>pulse<br>width to<br>RESET<br>(us) | VOL<br>(Low-level<br>output<br>voltage)<br>, IOL = 1 mA<br>(V) | RESET delay<br>time<br>(CT = Open,<br>CT = VDD,<br>CT = Any) (s) | 注释                                                                             | 封装           |
| RB3808 | 1.7-6.5                | 44.1                   | 1.7                    | -0.01                                                | 1%                       | 4(SENSE)<br><0.005(MR)                      | 0.5                                                            | 0.00125~10                                                       | Low-Quiescent<br>-Current,<br>Programmable<br>-Delay<br>Supervisory<br>Circuit | SOT-23<br>-5 |



**睿松微电子**  
**SAGACITY ANALOG**

- Website: [www.rsanalog.com](http://www.rsanalog.com)
- Tel: +8615371082153
- E-mail: [jlw00124@rsanalog.com](mailto:jlw00124@rsanalog.com)  
[geraldj@163.com](mailto:geraldj@163.com)