

Class AB Audio Amplifier

| Part No. | Pin to Pin compatible | Input voltage (V) | Advantage | Output Power | Output Channel/HP | PSRR (dB) | SD current (uA) | Gain (dB) | OTP | Mute / shutdown | Note | Package |
|-----------|-----------------------|-------------------|-----------------------------|---------------------|-------------------|-----------|-----------------|-----------------------|-----|-----------------|--------------------------|------------------|
| EUA4890 | LM4890 | 2.5~5.5 | | 1.0W(5.0V, 8Ω, 1%) | 1/X | 65 | 0.1 | By external resistor | V | X/V | X | MSOP-8 DFN-8 |
| EUA6205 | TPA6205 | 2.5~5.5 | | 1.25W(5.0V, 8Ω, 1%) | 1/X | 87 | 0.02 | By external resistor | V | X/V | X | MSOP-8 TDFN-8 |
| EUA4990 | LM4990 | 2.5~5.5 | | 1.36W(5.0V, 8Ω, 1%) | 1/X | 60 | 0.1 | By external resistor | V | X/V | X | WCSP9 |
| EUA6204 | TPA6204 | 2.5~5.5 | | 1.36W(5.0V, 8Ω, 1%) | 1/X | 80 | 0.01 | By external resistor | V | X/V | X | MSOP-8 DFN-8 |
| EUA6214/A | APA3010 | 2.5~5.5 | | 1.7W(5.0V, 8Ω, 10%) | 1/X | 80 | 0.01 | By external resistor | V | X/V | X | MSOP-8 TDFN-8 |
| EUA6204A | TPA6204A | 2.5~5.5 | | 3.0W(5.0V, 3Ω, 10%) | 1/X | 80 | 0.01 | By external resistor | V | X/V | X | SOP-8 |
| EUA5202 | TPA0202 | 3.0~5.5 | | 2.0W(5.0V, 3Ω, 1%) | 2/V | 65 | 1 | By external resistor | V | V/V | X | TSSOP-24 |
| EUA6412A | TPA0212 | 4.5~5.5 | | 2.0W(5.0V, 3Ω, 1%) | 2/V | 68 | 120 | 6, 15.5, 21.5, 27.6 | V | X/V | X | TSSOP-24 |
| EUA6027A | TPA6017 | 4.5~5.5 | | 2.0W(5.0V, 3Ω, 1%) | 2/X | 79 | 145 | 6, 10, 15.6, 21.6 | V | X/V | X | TSSOP-20 |
| EUA6029 | TPA6021 | 4.0~5.5 | | 2.5W(5.0V, 4Ω, 10%) | 2/V | 70 | 1 | DC-Volume -40~20 | V | X/V | Fade mode | DIP-20 |
| EUA4832 | | 2.5~5.5 | 3D Enhancement Tone control | 3W(5V, 4Ω, 10%) | 2/V | 60 | 0.1 | I2C Control Interface | V | X/V | 3D enhanced Tone Control | TQFN-28 TSSOP-28 |
| EUA6011A | TPA6011 | 4.0~5.5 | | 3.0W(5.5V, 3Ω, 10%) | 2/V | 70 | 1 | DC-Volume -40~20 | V | X/V | Fade mode | TSSOP-24 |
| EUA6019 | TPA6011 / TPA6019 | 4.0~5.5 | | 3.0W(5.5V, 3Ω, 10%) | 2/V | 70 | 1 | DC-Volume -40~20 | V | X/V | Fade mode | TSSOP-24 |
| EUA6210 | LM4910 | 2.7~5.5 | | 35mW(3.3V, 32Ω, 1%) | 0/V | 59 | 0.1 | By external resistor | V | X/V | X | MSOP-8 |

* - Developing

Boosted Class D Audio Amplifier

| Part No. | Pin to Pin compatible | Input voltage (V) | Advantage | Output Power | Output Channel/HP | PSRR (dB) | SD current (uA) | Gain (dB) | OTP | Mute / shutdown | Note | Package |
|----------|-----------------------|-------------------|---------------------------------------------------|---------------------|-------------------|-----------|-----------------|----------------------|-----|-----------------|------|-------------------|
| EUA2510A | | 2.7~5.0 | Lower EMI, Good for Phone Audio with TV Functions | 2.7W(3.3V, 4Ω, 10%) | 1/X | 72 | 1 | By external resistor | V | X/V | X | TDFN-14 (3mmx4mm) |

* - Developing

Class D Audio Amplifier

| Part No. | Pin to Pin compatible | Input voltage (V) | Advantage | Output Power | Output Channel/HP | PSRR (dB) | SD current (uA) | Gain (dB) | OTP | Mute / shutdown | Note | Package |
|----------|-----------------------|-------------------|---------------------------------------------------------|-------------------|-------------------|-----------|-----------------|---------------------------|-----|-----------------|------|------------------|
| EUA2045 | YDA145 | 2.5~5.5 | Auto Gain Control | 2.5W(5V, 4Ω, 10%) | 1/X | 70 | 0.5 | Fix 18dB | V | X/V | X | TDFN-8 WCSP-9 |
| EUA2032 | TPA2010 TPA2036 | 2.5~5.5 | Ultra low EMI / low THD | 2.5W(5V, 4Ω, 10%) | 1/X | 72 | 0.5 | By external resistor | V | X/V | X | TDFN-8 WCSP-9 |
| EUA2036 | TPA2010 TPA2036 | 2.5~5.5 | Short Circuit auto Recovery | 2.8W(5V, 4Ω, 10%) | 1/X | 72 | 0.5 | By external resistor | V | X/V | X | TDFN-8 |
| EUA2046 | | 2.5~5.5 | Short Circuit auto Recovery | 2.8W(5V, 4Ω, 10%) | 1/X | 72 | 0.5 | By external resistor | V | X/V | X | SOP-8 |
| EUA2011 | TPA2010 / TPA2005 | 2.5~5.5 | | 3.0W(5V, 4Ω, 10%) | 1/X | 72 | 0.5 | By external resistor | V | X/V | X | TDFN-8 |
| EUA2014 | LM48410 | 2.5~5.5 | 3D enhanced | 2.5W(5V, 4Ω, 10%) | 2/X | 70 | 1.5 | 6, 12, 18, 24 | V | X/V | X | TQFN-24 |
| EUA2012A | TPA2012 EUP2012 | 2.5~5.5 | Short Circuit auto Recovery | 2.5W(5V, 4Ω, 10%) | 2/X | 75 | 1.5 | 6, 12, 18, 24 | V | X/V | X | TQFN-20 TSSOP-20 |
| EUA2034 | PAM8403 | 2.5~5.5 | | 3W(5V, 4Ω, 10%) | 2/X | 60 | 0.5 | Fix 24dB | V | X/V | X | SOP16 |
| EUA2008 | TPA2008 | 2.5~5.5 | 32-step DC Volume control | 3W(5V, 4Ω, 10%) | 2/X | 75 | 1.5 | 32-step DC Volume control | V | X/V | X | TSSOP-24 |
| EUA2035 | | 2.5~5.5 | 64-step DC Volume control With AGC and Headphone Output | 3W(5V, 4Ω, 10%) | 2/V | 75 | 1.5 | 64-step DC Volume control | V | X/V | X | SSOP-24 |
| EUA2105 | | 8~15 | 64-step DC volume control | 5W(12V, 8Ω, 1%) | 2/X | 60 | 500 | 64-step DC volume control | V | V/V | X | TSSOP-28 |
| EUA2113 | TPA3113 | 8~26 | Filterless, Speaker protection | 6W(12V, 8Ω, 10%) | 2/X | 70 | 800 | 20, 26, 32, 36 | V | V/V | X | TSSOP-28 |
| EUA2313 | TPA3113 | 8~26 | AGC, Filterless, Speaker protection | 6W(12V, 8Ω, 10%) | 2/X | 70 | 800 | 20, 26, 32, 36 | V | V/V | X | TSSOP-28 |
| EUA2107 | TPA3007 | 5~24 | 5V Minimum Power Supply | 6.5W(12V, 8Ω, 1%) | 1/X | 60 | 1 | 12, 18, 23.6, 35.5 | V | V/V | X | TSSOP-24 |
| EUA2101A | TPA3101 | 8~15 | | 10W(12V, 8Ω, 10%) | 2/X | 60 | 500 | 20, 26, 32, 36 | V | V/V | X | TQFP-48 |
| EUA2110 | TPA3110 | 8~26 | Filterless, Speaker protection | 15W(24V, 8Ω, 10%) | 2/X | 70 | 800 | 20, 26, 32, 36 | V | V/V | X | TSSOP-28 |
| EUA2310 | TPA3110 | 8~26 | AGC, Filterless, Speaker protection | 15W(24V, 8Ω, 10%) | 2/X | 70 | 800 | 20, 26, 32, 36 | V | V/V | X | TSSOP-28 |
| EUA2123 | TPA3123 | 8~24 | Single Ended Output | 20W(24V, 4Ω, 10%) | 2/X | 58 | 800 | 20, 26, 32, 36 | V | V/V | X | TSSOP-24 |
| EUA2112 | TPA3112 | 8~24 | Filterless, Speaker protection | 25W(24V, 4Ω, 10%) | 1/X | 70 | 800 | 20, 26, 32, 36 | V | V/V | X | TSSOP-28 |

* - Developing

Digital Class D Audio Amplifier

| Part No. | Pin to Pin compatible | Input voltage (V) | Advantage | Output Power | Output Channel/HP | PSRR (dB) | SD current (uA) | Gain (dB) | OTP | Mute / shutdown | Note | Package |
|----------|-----------------------|-------------------|---------------------------------|--------------|-------------------|-----------|-----------------|----------------------|-----|-----------------|-------------------------------|---------|
| EUA2308* | TAS5708 | 10~30 | Digital audio input with EQ/DRC | 20W(8Ω, 10%) | 2/X | 80 | 800 | By external resistor | V | | Clickless & Popless Operation | TQFP-48 |

* - Developing

Ceramic Speaker Amplifier

| Part No. | Pin to Pin compatible | Input voltage (V) | Advantage | Output Power | Output Channel/HP | PSRR (dB) | SD current (uA) | Gain (dB) | OTP | Mute / shutdown | Note | Package |
|----------|-----------------------|-------------------|------------------------|----------------|-------------------|-----------|-----------------|----------------------|-----|-----------------|-------------------------------|---------|
| EUA6288 | MAX9788 | 2.7~5.5 | Ceramic Speaker Driver | 20V Vpp Output | 1/X | 77 | 800 | By external resistor | V | | Clickless & Popless Operation | TQFN-28 |

LDO

| Part No. | Pin to Pin compatible | Input voltage (V) | Advantage | Output current(mA) | Output voltage (V) | IQ (uA) | Output Voltage Accuracy (%) | Reference voltage(V) | Dropout voltage(mV) | PSRR (dB) | EN | OT/OC | Package |
|----------|-----------------------|-------------------|-----------|--------------------|--------------------|---------|-----------------------------|----------------------|---------------------|-----------|----|-------|---------|
|----------|-----------------------|-------------------|-----------|--------------------|--------------------|---------|-----------------------------|----------------------|---------------------|-----------|----|-------|---------|

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|-----------|-----------|-----------------|----------------------------|-------------|--------------------------------------------------------------------------------------------|------|------|------|-------------------------------------------|----|---|-----|---------------------------------------|
| AAP2917 | RT9193 | 2.5~6.0 | High PSRR | 300 | 1.2, 1.3, 1.5, 1.8, 1.85, 2.5, 2.8, 2.85, 2.9, 3.0, 3.3, 3.5, 4.8 and 1.2V ~ 5V adjustable | 70 | ±2 | 1.2 | 250 @ 300mA | 75 | V | V/V | SOT23-5 SC-70 |
| AAP2967 | RT9167 | 2.5~5.5 | Very low dropout | 300 | 1.2, 1.5, 1.8, 2.5, 2.8, 3.0, 3.3 and 1.2V ~ 5V adjustable | 84 | ±3 | 1.2 | 170 @ 300mA | 65 | V | V/V | SOT-23-5 |
| EUP7180 | R1180 | 2.5~5.5 | Very low quiescent current | 150 | 1.5, 2.3, 2.5, 3.0 | 1 | ±3 | - | 230 @ 100mA | - | X | V/V | SOT23-3 SOT89-3 |
| EUP7914 | R1114 | 2.5~6.0 | No bypass capacitor | 150 | 1.2, 1.5, 1.8, 2.5, 2.8, 2.85, 3.0, 3.3 | 30 | ±2 | - | 100 @ 150mA | 70 | V | V/V | SC-82 |
| EUP7915 | NS-LP3985 | 2.5~5.5 | High PSRR | 150 | 1.5, 1.8, 2.5, 2.8, 2.85, 3.0, 3.3 and 1.2V ~ 5V adjustable | 70 | ±2 | 1.2 | 140 @ 150mA | 75 | V | V/V | SOT23-5 |
| EUP7981 | MAX8510 | 2.5~5.5 | High PSRR | 150 | 1.5, 1.8, 1.85, 2.5, 2.8, 2.85, 3.0, 3.3 and 1.2V ~ 5V adjustable | 70 | ±2 | 1.2 | 140 @ 150mA | 75 | V | V/V | SC-70 |
| EUP7965 | NS-LP3985 | 2.5 ~ 5.5 | Very low dropout | 150 | 1.5, 1.8, 2.5, 2.8, 2.85, 3.0, 3.3 | 85 | ±2 | 1.23 | 75 @ 150mA | 70 | V | V/V | SOT23-5 |
| EUP7201 | XC6401 | 2.5~5.5 | | DUAL 150 | 1.8/2.8, 2.8/3.3, 1.2/1.2, 1.8/3.3, 2.8/3.3, 3.3/3.3 | 110 | ±2 | 1.2 | 80 @ 100mA | 60 | V | V/V | SOT23-6 USP-6 TDFN-6 |
| EUP7220 | XC6401 | 2.5 ~ 5.5 | Dual 150mA PSRR 70dB | DUAL 150 | 1.8/2.8, 2.8/3.3, 1.2/1.2, 1.8/3.3, 2.8/3.3, 3.3/3.3 | 50 | ±2 | - | 120 @ 150mA 120 @ 150mA 120 @ 150mA | 70 | V | V/V | TSOT23-6 TDFN-6 |
| EUP7221 | | 2.5 ~ 5.5 | Triple 150mA PSRR 70dB | 150/150/150 | 1.8 / 2.8 / 3.3 | 70 | ±2 | - | 120 @ 150mA 120 @ 150mA | 70 | V | V/V | SOT-23-6 |
| EUP7901 | G9091 | 2.5~6.0 | | 300 | 1.2, 1.5, 1.8, 2.5, 2.8, 2.85, 3.0, 3.3 | 30 | ±2 | - | 200 @ 300mA | 70 | V | V/V | SOT23-5 |
| EUP7913/A | RT9198 | 2.5~6.0 | No bypass capacitor | 300 | 1.2, 1.5, 1.8, 2.5, 2.8, 2.85, 3.0, 3.3 | 30 | ±2 | - | 200 @ 300mA | 70 | V | V/V | SOT23-3 SOT23-5 |
| EUP7967 | | 2.5~5.5 | Very low dropout | 300 | 1.2, 1.5, 1.8, 2.5, 2.8, 3.0, 3.3 and 1.2V ~ 5V adjustable | 84 | ±2 | 1.2 | 200 @ 300mA | 65 | V | V/V | SOT23-5 SOT23-6 |
| EUP7903A | AP5315 | 2.5 ~ 5.5 | | 300 | 0.8 ~ 3.6V adjustable | 90 | ±2 | 0.8 | 180 @ 300mA | 75 | V | V/V | SOT23-5 |
| EUP7903 | G923/G913 | 2.5 ~ 5.5 | | 300 | 1.2, 1.5, 1.8, 2.5, 2.8, 3.3 and 1.25V ~ 5V adjustable | 90 | ±2 | 1.25 | 180 @ 300mA | 75 | V | V/V | SOT23-5 |
| EUP7968 | RT9166 | 2.5 ~ 5.5 | | 300 | 1.5, 1.8, 2.5, 2.8, 3.0, 3.3, 3.5 | 90 | ±3 | 1.2 | 170 @ 300mA | - | X | V/V | SOT23-3 SOT89-3 |
| EUP7982 | NS-LP3982 | 2.5~5.5 | | 300 | 1.8, 2.5, 2.8, 3.0, 3.3 and 1.2V ~ 5V adjustable | 110 | ±2 | 1.23 | 140 @ 300mA | - | V | V/V | MSOP-8 |
| EUP7230 | | 2.5 ~ 5.5 | Dual 300mA PSRR 70dB | DUAL 300 | 1.8/2.8, 2.8/3.3, 1.2/1.2, 1.8/3.3, 2.8/3.3, 3.3/3.3 | 50 | ±2 | - | 240 @ 300mA 240 @ 300mA | 70 | V | V/V | TSOT23-6 TDFN-6 |
| EUP7907 | UP7707 | 2.5~5.5 | | 600 | 1.2, 1.5, 1.8, 2.5, 2.8, 3.3 and 0.8V ~ 5V adjustable | 120 | ±2 | 0.8 | 360 @ 600mA | 70 | V | V/V | SOT23-5 TDFN-8 |
| EUP7907A | RT9167/A | 2.5~5.5 | | 600 | 1.2, 1.5, 1.8, 2.5, 2.8, 3.3 | 120 | ±2 | 1.2 | 360 @ 600mA | 70 | V | V/V | SOT23-5 TDFN-6 |
| EUP7905 | AT805 | 2.5 ~ 5.5 | | 600 | 1.2 ~ 3.6V | 220 | ±2 | 0.8 | 360 @ 600mA | 70 | V | V/V | SOT23-5 TDFN-6 |
| EUP7910A | | 3.6~6.0 | | 600 | 3.3 | 170 | ±2 | - | 300 @ 600mA | 60 | X | V/V | SOT-89 |
| EUP7961 | NS-LP3871 | 2.5~5.5 | | 1000 | 1.5, 1.8, 2.5, 3.3 and 0.8V ~ 5V adjustable | 300 | ±1.8 | 0.8 | 300 @ 1A | 60 | V | V/V | SOT-223 SOP-8 SOT-89 |
| EUP7962 | NS-LP3872 | 2.5~5.5 | | 2000 | 1.5, 1.8, 2.5, 3.3 and 0.8V ~ 5V adjustable | 1000 | ±1.8 | 0.8 | 600 @ 2A | 56 | V | V/V | TO220-5 TO220-5 TO263-3 TO263-5 SOP-8 |
| EUP7966 | G966 | 1.2~3.6 4.5~5.5 | | 2000 | 1.2, 1.5, 1.8, 2.5 | 1000 | ±2 | 0.8 | 300 @ 2A | - | V | V/V | SOP-8 |
| EUP7963 | NS-LP3873 | 2.5~5.5 | | 3000 | 1.5, 1.8, 2.5, 3.3 and 0.8V ~ 5V adjustable | 1000 | ±1.8 | 0.8 | 750 @ 3A | 56 | V | V/V | TO220-3 TO220-5 TO263-3 TO263-5 |

* - Developing

LCD Panel Power

| Part No. | Pin to Pin compatible | Input voltage (V) | Advantage | Current Limit / MOS Resistor | Output voltage (V) | OP | LDO | Efficiency (%) | Sync/ Async | FB (V) | Duty (%) | Soft Start | OTP | Package |
|-----------|-----------------------|-------------------|--------------------------------------------------------|--------------------------------------|--------------------|----|-----|----------------|-------------|--------|----------|------------|-----|----------|
| EUP2644 | ISL97644 | 2.5~5.5 | | 2.9A/0.1Ω | Vin~20 | 1 | 1 | 90 | Async | 1.26 | < 96 | V | V | TQFN-24 |
| EUP2627 | MAX8727 | 2.5~5.5 | Low Cost | 3.5A/0.16Ω | Vin~28 | 1 | | 90 | Async | 1.24 | < 94 | V | V | TDFN-10 |
| EUP2624 | LM3224 | 2.5~5.5 | Low Cost | 2.1A/0.17Ω | Vin~28 | 1 | | 90 | ASync | 1.24 | < 94 | V | V | MSOP-8 |
| EUP2681 | MAX17075 | 2.5~5.5 | 1 Boost + 2 Charge Pumps + 1 VCOM Buffer + HV Switches | 3.5A/0.16Ω | Vin~20 | 1 | 1 | 87 | Async | 1.25 | < 94 | V | V | TQFN-24 |
| EUP2619 | | 2.5~5.5 | 1 Boost + 2 Charge Pumps + 1 VCOM Buffer | 2.8A/0.16Ω | Vin~18 | 1 | 1 | 90 | ASync | 1.2 | < 94 | V | V | TQFN-16 |
| * EUP2683 | TPS65161B | 8~15V | 1 Boost + 1 Buck + 2 Charge Pumps | Boost: 3.7A/0.1Ω Buck: 2.3A/0.175 | Vin~18 | 1 | 0 | 87 | Async | 1.25 | < 94 | V | V | TSSOP-28 |

* - Developing

Step-Up DC To DC

| Part No. | Pin to Pin compatible | Input voltage (V) | Advantage | Current Limit(A) | Output voltage (V) | Quiescent/Shutdown current | Frequency (MHz) | Efficiency (%) | Sync/ Async | FB (V) | Duty (%) | Soft Start | OTP | Package |
|----------|-----------------------|-------------------|----------------------------------------------|------------------|--------------------------------|-------------------------------|-----------------|----------------|-------------|--------|----------|------------|-----|---------------|
| EUP2571 | | 2.6~5.5 | | 1.6 | Vin~26 | 0.12mA/0.1uA | 1.1 | 85 | Async | 0.25 | < 92 | x | V | SOT23-5 |
| EUP2570 | | 2.6~5.5 | | 2.0 | Vin~18 | 0.1mA/0.1uA | 1.0 | 88 | Async | 1.25 | < 92 | V | V | SOT23-5 |
| EUP2410 | MP3410 (5V/0.6A) | 2.2~5.0 | Synchronous | 1.6 | 2.5~6.0 | 0.39mA/0.05uA | 0.5 | 96 | Sync | 1.25 | < 90 | V | V | TSOT23-5 |
| EUP2460 | 5V/1A | 2.2~5.0 | Synchronous | 2.5 | 2.5~6.0 | 0.39mA/0.05uA | 0.5 | 96 | Sync | 1.25 | < 90 | V | V | TSOT23-5 |
| EUP2511 | | 2.2~5.0 | | 2.1 | 2.5~6.0 | 0.6mA/0.05uA | 0.6 | 96 | ASync | 1.25 | < 90 | V | V | TSOT23-5 |
| EUP2412 | | 2.2~5.0 | Boost+LDO | 1.6 | 2.5~6.0(Boost) 1.2~3.6(LDO) | 0.39mA/0.05uA 0.12mA/0.1uA | 0.5 | 96 | Sync | 1.25 | < 90 | V | V | TDFN-10 |
| EUP2621 | | 2.5~5.5 | | 1.6 | Vin~18 | 0.5mA/0.1uA | 0.62/1.25 | 90 | ASync | 1.24 | < 94 | V | V | MSOP-8 |
| EUP2624A | LM3224 | 2.5~5.5 | 2A Ipeak | 2.5 | Vin~12 | 0.5mA/0.1uA | 0.75/1.2 | 90 | ASync | 1.24 | < 94 | V | V | MSOP-8 TDFN-8 |
| EUP2624 | LM3224 | 2.5~5.5 | 2A Ipeak | 2.1 | Vin~28 | 0.5mA/0.1uA | 0.62/1.25 | 90 | ASync | 1.24 | < 94 | V | V | MSOP-8 |
| EUP2624B | | 2.5~5.5 | | 2.6 | Vin~12 | 0.5mA/0.1uA | 0.75/1.2 | 90 | ASync | 1.24 | < 94 | V | V | MSOP-8 TDFN-8 |
| EUP2627 | MAX8727 | 2.5~5.5 | 3A Ipeak | 3.5 | Vin~28 | 0.5mA/0.1uA | 0.62/1.25 | 90 | ASync | 1.24 | < 94 | V | V | TDFN-10 |
| EUP2573 | S8365 | 2.4~5.5 | Voltage Mode, Boost Controller, 5V/3A Output | - | External setting | 0.5mA/0.1uA | 0.6/1.2 | 90 | ASync | 0.6 | < 85 | V | V | SOT23-5 |

* - Developing

Synchronous Step-Down DC To DC

| Part No. | Pin to Pin compatible | Input voltage (V) | Advantage | Output current | Output voltage (V) | Quiescent/Shutdown current | Frequency (MHz) | Efficiency (%) | Sync/ Async | Duty (%) | Feed Back(V) | Soft Start | OTP, OVP, OCP | Package |
|----------|-----------------------|-------------------|-----------|----------------|--------------------|----------------------------|-----------------|----------------|-------------|----------|--------------|------------|---------------|---------|
|----------|-----------------------|-------------------|-----------|----------------|--------------------|----------------------------|-----------------|----------------|-------------|----------|--------------|------------|---------------|---------|

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|-----------|----------------------|----------|----------------------------|----------|-----------|---------------------------|-------------|------|-----|------|-------|-------|-----|-----------------------------|-------------------------|
| AAP2406 | MP2104 CAT7101 | 2.5~5.5 | | 600mA | 0.6~Vin | | 270uA/1uA | 1.5 | 96 | Sync | < 100 | 0.6 | X | V | SOT23-5 |
| AAP2416 | LT3406 | 2.5~5.5 | Light Load Efficiency >70% | 600mA | 0.6~Vin | 1.2, 1.8, 3.3 | 25uA/1uA | 1.5 | 96 | Sync | < 100 | 0.6 | X | V | SOT23-5 TSOT23-5 |
| AAP2408 | MP2105 CAT7103 | 2.5~5.5 | | 800mA | 0.6~Vin | 1.2, 1.8, 3.3 | 270uA/1uA | 1.5 | 96 | Sync | < 100 | 0.6 | V | V | SOT23-5 TSOT23-5 |
| AAP2428B | RT8009 | 2.5~5.5 | Light Load Efficiency >70% | 800mA | 0.6~Vin | 1.2, 1.8, 3.3 | 25uA/1uA | 1.5 | 96 | Sync | < 100 | 0.6 | V | V | TSOT23-5 |
| AAP2418 | CAT7103 | 2.5~5.5 | Light Load Efficiency >70% | 1000mA | 0.6~Vin | 1.2, 1.8, 3.3 | 25uA/1uA | 1.5 | 96 | Sync | < 100 | 0.6 | V | V | SOT23-5 TSOT23-5 |
| EUP3010/A | RT8010 | 2.5~5.5 | | 1000mA | 0.6~Vin | 1.2, 1.8, 3.3 | 270uA/1uA | 1.5 | 96 | Sync | < 100 | 0.6 | V | V | TDFN-6 (2x2) TQFN-16 |
| EUP3409 | MP2109 CAT7117 | 2.5~5.5 | | 2x800mA | 0.6~Vin | | 270uA/1uA | 1.5 | 95 | Sync | < 100 | 0.6 | V | V | TDFN-10 |
| EUP3419 | MP2109 CAT7117 | 2.5~5.5 | Light Load Efficiency >70% | 2x1000mA | 0.6~Vin | | 50uA/1uA | 1.5 | 95 | Sync | < 100 | 0.6 | V | V | TDFN-10 |
| EUP3020 | RT8020 | 2.5~5.5 | | 2x1000mA | 0.6~Vin | 1.8/1.2, 3.3/1.2, 2.2/1.8 | 270uA/1uA | 1.5 | 96 | Sync | < 100 | 0.6 | V | V | TDFN-12 |
| EUP3402 | ISL8088/ LTC3407A | 2.75~5.5 | PWM and PFM | 2x1000mA | 0.6~Vin | | 1mA/6uA | 2.25 | | Sync | 100 | 0.6 | Yes | OTP/160°C | TDFN-10 |
| EUP3412 | TPS62040 | 2.5~5.5 | Mode Select | 1.5A | 0.5~Vin | | 270uA/1uA | 1.5 | 96 | Sync | < 100 | 0.5 | V | V | TDFN-10 MSOP-10 |
| EUP3420 | TPS62040 | 2.5~5.5 | Mode Select | 2A | 0.6~Vin | | 270uA/1uA | 1.5 | 96 | Sync | <100 | 0.6 | V | V | TDFN-10 |
| EUP3421 | G5692 | 2.5~5.5 | PWM and PFM | 2.5A | 0.6~Vin | | 500uA/1uA | 1.5 | 96 | Sync | <100 | 0.6 | V | V | TDFN-10 |
| EUP3426 | | 2.5~5.5 | PWM and PFM | 3A | 0.6~Vin | 0.9/1.0/1.2/1.8 | 500uA/3uA | 1 | 96 | Sync | <100 | 0.6 | V | V | TDFN-10 |
| EUP3427 | | 2.7~5.5 | Force PWM and Pulse-skip | 4A | 0.6~Vin | | 0.5mA/3uA | 1MHz | 96 | Sync | 100 | 0.6 | Yes | OTP/160°C, OVP/110%, OCP/6A | SOP-8 |
| EUP3425 | | 2.5~5.5 | PWM and PFM | 5A | 0.8~Vin | | 500uA/1uA | 1 | 90 | Sync | <100 | 0.8 | V | V | TDFN-14 |
| EUP3472A | | 4.5~28 | Light Load Efficiency >70% | 2A | 0.8~Vin | | 1mA/1uA | 0.5 | >93 | Sync | < 90 | 0.8 | V | V | SOP-8 |
| EUP3472B | | 4.5~28 | Light Load Efficiency >70% | 2A | 0.8~Vin | | 1mA/1uA | 1 | >93 | Sync | < 90 | 0.8 | V | V | SOP-8_EP |
| EUP3482 | MP1482 | 4.5~30 | Input Voltage OVP and UVP | 2A | 0.923~Vin | | 500uA/1uA | 0.34 | >93 | Sync | < 90 | 0.923 | V | V UVP | SOP-8 |
| EUP3482A | MP1482 | 4.5~30 | Light Load Efficiency >70% | 2A | 0.923~Vin | | 500uA/1uA | 0.34 | >93 | Sync | < 90 | 0.923 | V | V UVP | SOP-8 |
| EUP3482P | MP1482 | 4.5~21 | | 2A | 0.923~Vin | | 500uA/1uA | 0.34 | >93 | Sync | < 90 | 0.923 | V | V UVP | SOP-8 |
| EUP3482S | MP1482 | 4.5~21 | Light Load Efficiency >70% | 2A | 0.923~Vin | | 500uA/1uA | 0.34 | >93 | Sync | < 90 | 0.923 | V | V UVP | SOP-8 |
| EUP3484 | MP1484 | 4.5~30 | Input Voltage OVP and UVP | 3A | 0.923~Vin | | 500uA/1uA | 0.34 | >93 | Sync | < 90 | 0.923 | V | V UVP | SOP8_EP |
| EUP3484A | MP1484 | 4.5~30 | Light Load Efficiency >70% | 3A | 0.923~Vin | | 500uA/1uA | 0.34 | >93 | Sync | < 90 | 0.923 | V | V UVP | SOP8_EP |
| EUP3484P | MP1484 | 4.5~21 | | 3A | 0.923~Vin | | 500uA/1uA | 0.34 | >93 | Sync | < 90 | 0.923 | V | V UVP | SOP8_EP |
| EUP3484S | MP1484 | 4.5~21 | Light Load Efficiency >70% | 3A | 0.923~Vin | | 500uA/1uA | 0.34 | >93 | Sync | < 90 | 0.923 | V | V UVP | SOP8_EP |
| EUP3476 | | 4.5~28 | | 3A | 0.8~Vin | | 1mA/1uA | 0.5 | >93 | Sync | < 90 | 0.8 | V | V UVP | SOP8_EP |
| EUP3476A | | 4.5~28 | Light Load Efficiency >70% | 3A | 0.8~Vin | | 1mA/1uA | 0.5 | >93 | Sync | < 90 | 0.8 | V | V UVP | SOP8_EP |
| EUP3475 | | 4.5~28 | 1MHz Switching Freq. | 3A | 0.8~Vin | | 1mA/1uA | 1 | >93 | Sync | < 90 | 0.8 | V | V UVP | SOP8_EP |
| EUP3475A | | 4.5~28 | Light Load Efficiency >70% | 3A | 0.8~Vin | | 1mA/1uA | 1 | >93 | Sync | < 90 | 0.8 | V | V UVP | SOP8_EP |
| EUP3485 | MP8708 | 4.5~18 | External sync clock | 4A | 0.8~Vin | | 0.9mA/0.1uA | 0.5 | | Sync | < 90 | 0.808 | V | V UVP | SOP8_EP |
| EUP6514 | RT9214 APW7120 | 5~12 | | 20A | 0.8~Vin | | 1.2mA/2uA | 0.3 | 90 | Sync | < 100 | 0.8 | V | V | SOP-8 |

Asynchronous Step-Down DC To DC

| Part No. | Pin to Pin compatible | Input voltage (V) | Advantage | Output current | Output voltage (V) | Quiescent/Shutdown current | Frequency (MHz) | Efficiency (%) | Sync/ Async | Duty (%) | Feed Back(V) | Soft Start | OTP, OVP, OCP | Package |
|----------|-----------------------|-------------------|-------------------------------------------------|----------------|--------------------|----------------------------|-----------------|----------------|-------------|----------|--------------|------------|-----------------------|----------|
| EUP3458 | MP2359 | 4.5~30 | | 1.2A | 0.8~25 | 550uA/1uA | 0.7 | 92 | Async | < 90 | 0.8 | V | V | SOT23-6 |
| EUP3410 | MP1410 | 4.75~18 | | 2A | 1.2~12 | 1mA/25uA | 0.38 | 92 | Async | < 90 | 1.2 | X | V | SOP-8 |
| EUP3452A | | 4.5~30V | Input Voltage OVP and UVP. 24V to 5V with 2A | 2A | 0.8~Vin | 0.5mA/25uA | 0.3 | 95 | Async | <90 | 0.8 | V | V | SOP-8 |
| EUP3451A | | 4.5~30V | Input Voltage OVP and UVP. 24V to 5V with 3A | 3A | 0.8~Vin | 0.5mA/25uA | 0.3 | 95 | Async | <90 | 0.8 | V | V | SOP-8_EP |
| EUP3451 | | 4.5~30V | Input Voltage OVP and UVP | 3A | 0.8~Vin | 1mA/25uA | 0.5 | 92 | Async | <90 | 0.8 | V | V | SOP-8 |
| EUP3453 | RT8269/ AX3111 | 4.75~40V | output Voltage OVP, OCP and 24V to 5V with 3A | 3.5A | 0.92V~1.5V | 0.55mA/3uA | 0.4 | 95 | Sync | 94.3 | 0.92 | Yes | OTP/160°C OCP/4.6A | SOP-8_EP |
| EUP3455 | RT8269/ AX3111 | 4.75~40V | output Voltage OVP, OCP and 24V to 5V with 1.5A | 3.5A | 0.92V~1.5V | 0.55mA/3uA | 0.4 | 95 | Sync | 94.3 | 0.92 | Yes | OTP/160°C OCP/4.6A | SOP-8 |

* - Developing

DDR Termination Ics

| Part No. | Pin to Pin compatible | Input voltage (V) | Advantage | VDDQ (V) | VDDQ (I) | Vtt output voltage (V) | Output current(A) | Quiescent current(uA) | Output Accuracy (mV) | Current limit, OTP | StandBy function | ROHS | Package |
|----------|-----------------------|----------------------------|---------------------------|----------|----------|------------------------|-------------------|-----------------------|----------------------|--------------------|------------------|------|---------|
| EUP7996 | NS-LP2996 | 2.5~5.5 | | X | X | 1.25 | ±1.5 | 305 | ±20 | V | V | V | SOP-8 |
| EUP7171 | RT9173C | 1.8~5.5 | | X | X | 1.25/0.9 | ±2 | 1100 | ±20 | V | V | V | SOP-8 |
| EUP7998 | TPSS1200 | 2.5~5.5 VLDO 1.1~5.5 | Fast Transient, 20uF Cout | X | X | 1.25/0.9 | ±3 | 1100 | ±20 | V | V | V | TDFN-10 |

* - Developing

Lithium Battery Charger Ics

| Part No. | Pin to Pin compatible | Advantage | Input voltage (V) | Accuracy(%) | Recharge | Max. output current(A) | Mode | OTP, OCP | LDO Mode | Cell No. | ROHS | Package |
|----------|-----------------------|-----------|-------------------|-------------|----------|------------------------|--------|----------|----------|----------|------|---------|
| AAP2154 | LTC4054 | | 4.35~6.5 | ±1 | V | 0.8 | Linear | V | X | 1 | V | TSOT-25 |

| | | | | | | | | | | | | | |
|------------|--------------------|-------------------------------|--|----------|------|---|-----|--------|---|---|-------|---|---------------------|
| EUP8054 | LTC4054 | | | 4.35~6.5 | ±1 | V | 0.8 | Linear | V | X | 1 | V | TSOT-25 |
| EUP8010A | TI-BQ24010 | Integrated FET & Charge Timer | | 4.5~5.5 | ±1.5 | V | 1 | Linear | V | X | 1 | V | TDFN-10 |
| EUP8010B | TI-BQ24012 | Integrated FET & Charge Timer | | 4.5~5.5 | ±1.5 | V | 1 | Linear | V | X | 1 | V | TDFN-10 |
| EUP8010C | TI-BQ24013 | Integrated FET & Charge Timer | | 4.5~5.5 | ±1.5 | V | 1 | Linear | V | X | 1 | V | TDFN-10 |
| EUP8010D | TI-BQ24014 | Integrated FET & Charge Timer | | 4.5~5.5 | ±1.5 | V | 1 | Linear | V | X | 1 | V | TDFN-10 |
| EUP8010E | | Integrated FET & Charge Timer | | 4.5~5.5 | ±1.0 | V | 1 | Linear | V | X | 1 | V | SOP-8 |
| EUP8020A | TI-BQ24020 | Dual Source AC/USB | | 4.5~5.5 | ±1.5 | V | 1 | Linear | V | X | 1 | V | TDFN-10 |
| EUP8020B | TI-BQ24022 | Dual Source AC/USB | | 4.5~5.5 | ±1.5 | V | 1 | Linear | V | X | 1 | V | TDFN-10 |
| EUP8020C | TI-BQ24023 | Dual Source AC/USB | | 4.5~5.5 | ±1.5 | V | 1 | Linear | V | X | 1 | V | TDFN-10 |
| EUP8020D | TI-BQ24024 | Dual Source AC/USB | | 4.5~5.5 | ±1.5 | V | 1 | Linear | V | X | 1 | V | TDFN-10 |
| EUP8020F | TI-BQ24026 | Dual Source AC/USB | | 4.5~5.5 | ±1.5 | V | 1 | Linear | V | X | 1 | V | TDFN-10 |
| EUP8020G | LM3658 | Dual Source AC/USB | | 4.5~5.5 | ±1.5 | V | 1 | Linear | V | X | 1 | V | TDFN-10 |
| EUP8051A | TI-BQ2057 | | | 4.5~7 | ±1 | V | 1 | Linear | V | X | 1 | V | MSOP-8 |
| EUP8057-42 | TI-BQ2057 | | | 4.5~15 | ±1 | V | 1 | Linear | V | X | 1 | V | MSOP8 TSSOP-8 SOP-8 |
| EUP8057-83 | TI-BQ2057 | | | 4.5~15 | ±1 | V | 1 | Linear | V | X | 2 | V | MSOP-8 TSSOP-8 |
| EUP8060A | TI-BQ24060 | OVP | | 4.7~16 | ±1 | V | 1 | Linear | V | V | 1 | V | TDFN-10 |
| EUP8060B | TI-BQ24060 | OVP | | 4.7~16 | ±1 | V | 1 | Linear | V | V | 1 | V | TDFN-10 |
| EUP8060C | TI-BQ24060 | OVP | | 4.7~16 | ±1 | V | 1 | Linear | V | V | 1 | V | TDFN-10 |
| EUP8060D | TI-BQ24060 | OVP | | 4.7~16 | ±1 | V | 1 | Linear | V | V | 1 | V | TDFN-10 |
| EUP8009 | | External power path | | 4.35~28 | ±1 | V | 1 | Linear | V | V | 1 | V | TDFN-10 |
| EUP8075 | BQ24075 | Integrated Power Path | | 4.35~24 | ±1 | V | 1.4 | Linear | V | X | 1 | V | TQFN-16 |
| EUP8092 | ISL6292 | Integrated FET & Charge Timer | | 4.5~5.5 | ±1 | V | 1.5 | Linear | V | X | 1 | V | TDFN-10 TQFN-16 5x5 |
| EUP8095 | ISL9205D | Integrated FET & Charge Timer | | 4.5~5.5 | ±1 | V | 1.5 | Linear | V | X | 1 | V | TDFN-10 |
| EUP8202 | LTC4002 | 1~2 cell switching charge | | 4.7~20 | ±1 | V | 3 | PWM | V | X | 1/2 | V | TDFN-10 SOP-8 |
| EUP8207 | | 1~2 cell switching charge | | 4.7~20 | ±1 | V | 3 | PWM | V | X | 1/2 | V | SOP-8 |
| EUP8253 * | ISL6251 ISL6253 | 2~4 cell switching charge | | 7~25 | ±1 | V | | PWM | V | X | 2/3/4 | V | TSSOP-28 |

* - Developing

Lithium Charger+DC/DC(Step-Down)+LDO

| Part No. | Pin to Pin compatible | Input voltage (V) | Advantage | Max. output current(A) | Accuracy (%) | Recharge | Buck/ LDO(mA) | Shutdown current (uA) | Efficiency | OTP, OCP | Cell No. | ROHS | Package |
|----------|-----------------------|-------------------|-----------|------------------------|--------------|----------|---------------|-----------------------|------------|----------|----------|------|---------|
| EUP8084 | AAT2554 | 3.75~5.5 | | 500 | ±5 | V | 600/300 | 5 | 0.9 | V | 1 | V | TDFN-16 |
| EUP8086 | AAT2556 | 3.75~5.5 | | 500 | ±5 | V | 600 | 5 | 0.9 | V | 1 | V | TDFN-12 |

* - Developing

Lithium Battery Protection

| Part No. | Pin to Pin compatible | Advantage | VM/CO Input voltage (V) | Accuracy (%) | Recharge | Max. output current(A) | Cell Balance | OTP - OCP | Quiescent Current(uA) | Cell No. | ROHS | Package |
|----------|-----------------------|-----------|-------------------------|--------------|----------|------------------------|--------------|-----------|-----------------------|----------|------|----------|
| EUP9232 | Seiko-s8232 | | 2~18 | ±25mV/±80mV | — | — | X | V | 5 | 2 | V | TSSOP-8 |
| EUP9261 | Seiko-s8261 | | 2~30 | ±25mV/±50mV | — | — | X | V | 3.5 | 1 | V | SOT-23-6 |

* - Developing

PMU OVP Protection

| Part No. | Pin to Pin compatible | Advantage | Input voltage (V) | Accuracy (%) | P-MOSFET Resistance | Max. Protect Voltage(V) | Cell Balance | OTP - OCP | Quiescent Current(uA) | Cell No. | ROHS | Package |
|----------|-----------------------|---------------------|-------------------|--------------|---------------------|-------------------------|--------------|--------------------------------------|-----------------------|----------|------|---------|
| EUP9306 | BQ24350 APL3206 | Integrated P-MOSFET | 4.5~5.5 | ±100mV | 15Ω | 30 | X | Built in OVP/OCP and Charge Switches | | 1 | V | WDFN-10 |

* - Developing

OLED Driver

| Part No. | Pin to Pin compatible | Input voltage (V) | Advantage | Support Panel | Max. output voltage(V) | Max. output current(mA) | Vfb(V) | Max LED no. per string | Quiescent Current(mA) | Frequency (MHz) | Efficiency | Mode | OTP, OVP, short protection | Package |
|----------|-----------------------|-------------------|-------------------|---------------|------------------------|-------------------------|--------|------------------------|-----------------------|-----------------|------------|-------|----------------------------|---------|
| EUP2512 | STOD02 | 2.6~5.5 | Low Output Ripple | Main | 5 | 150 | | | <1 | 1.6 | 90 | boost | V | QFN-12 |

* - Developing

Serial White LED Driver

| Part No. | Pin to Pin compatible | Input voltage (V) | Advantage | Support Panel | Max. output voltage(V) | Max. output current(mA) | Vfb(V) | Max LED no. per string | Quiescent Current(mA) | Frequency (MHz) | Efficiency | Mode | OTP, OVP, short protection | Package |
|-----------|-----------------------|-------------------|----------------|---------------|------------------------|-------------------------|--------|------------------------|-----------------------|-----------------|------------|------------|----------------------------|----------|
| EUP2539 | CAT4238 | 2.6~5.5 | | Main | 40 | - | 0.3 | 10 | 0.13 | 1 | 84 | boost | V | TSOT23-5 |
| EUP2580 | | 2.6~5.5 | | Main | 40 | - | 0.104 | 10 | 0.13 | 1 | 84 | boost | V | TSOT23-5 |
| EUP2584/A | RT9284A | 2.6~5.5 | | Main | 27 | — | 0.3 | 7 | 0.115 | 1.1 | 85 | boost | V | SOT23-6 |
| EUP2586 | | 2.6~5.5 | | Main | 18 | — | 0.2 | 3*15 | 0.115 | 1.1 | 85 | boost | V | SOT23-5 |
| EUP2983 | | 6~25 | | Main | 32 | — | 0.106 | 6 | 1.2 | 1 | 90 | buck-boost | V | TDFN-8 |
| EUP2590 | | 4.5~28 | 4ch-1 feedback | Main | 45 | 200 | 0.15 | 12 | 1.5 | 0.5/1.2 | 90 | boost | V | TDFN-10 |
| EUP2596 | | 4.5~28 | 6ch | Main | 45 | 240 | 0.35 | 12 | 1.5 | 0.5/1.2 | 90 | boost | V | TQFN-20 |

| | | | | | | | | | | | | | | |
|----------|------------------|--------|----------------------------|------|----|------|------|------------------|-----|----------|----|--------------|---|---------|
| EUP2591 | | 4.5~28 | 8ch w/ SMBus | Main | 45 | 280 | 0.35 | 12 | 1.5 | 0.5/1.2 | 90 | boost | V | TQFN-24 |
| EUP2592 | OZ9955 MP3388 | 4.5~28 | 8ch | Main | 45 | 280 | 0.35 | 12 | 1.5 | 0.5/1.2 | 90 | boost | V | TQFN-24 |
| EUP2589 | MP3389 | 4.5~40 | 12ch+Step-Up Controller | Main | 60 | 720 | 0.6 | Depend on MOSFET | 1 | 0.2~1.2 | 90 | boost | V | TSSOP28 |
| EUP2588 | OZ9998B | 4.5~40 | 4ch+Step-Up Controller | Main | 60 | 720 | 0.6 | Depend on MOSFET | 1 | 0.2~1.2 | 90 | boost | V | SOP-16 |
| EUP2597 | | 4.5~30 | 8ch+Step-Up Controller | Main | 60 | 960 | 0.6 | 15 | 1 | 0.15~1.2 | 90 | boost | V | TSSOP28 |
| EUP3693* | | 4.5~30 | 16ch current sinks | Main | 18 | 1920 | 0.6 | 4 | 1 | - | 95 | Current Sink | V | TSSOP28 |

* - Developing

Parallel White LED Driver

| Part No. | Pin to Pin compatible | Input voltage (V) | Advantage | Max. output current(mA) | Support Panel | Output mode | Quiescent Current(uA) | Frequency (MHz) | Charge Pump Mode | Dimming Control | OTP,OVP,OC | Package |
|----------|-----------------------|-------------------|-----------|-------------------------|---------------|-------------|-----------------------|-----------------|------------------|-----------------|------------|---------|
| EUP3651 | | 2.7~5.5 | | 120 | Main:4 | Sink | 0.65/2 | 1 | 1X/1.5X | 16-Step Serial | V | TDFN-12 |
| EUP3654 | | 2.7~5.5 | | 120 | Main:6 | Sink | 0.65/2 | 1 | 1X/1.5X | 16-Step Serial | V | TQFN-16 |

* - Developing

Torch/ Camera Flash

| Part No. | Pin to Pin compatible | Input voltage (V) | Output current (mA) | Working mode | mode | Quiescent Current(uA) | Frequency (MHz) | Charge Pump Mode | OTP,OVP,OC | Package |
|----------|-----------------------|-------------------|---------------------|--------------|---------------------|-----------------------|-----------------|------------------|------------|---------|
| EUP2471 | AAT1241 | 2.5~5.25 | 1500 | Boost | Flash / Torch Modes | | | 2 | | TDFN 14 |

* - Developing

DC-FAN Motor Driver

| Part No. | Pin to Pin compatible | Input voltage (V) | Advantage | Output current (mA) | Internal Power MOS | VOL (V) | Speed control | Half bias voltage(V) | Lock protection | ROHS | Package |
|----------|--------------------------|-------------------|-------------------------------|---------------------|--------------------|----------------------------------------|---------------|----------------------|-----------------|------|---------------------|
| EUM6179A | BH6779 | 2.2~6 | EUM6179:FG EUM6179A:1/2 FG | 1000 | V | Upper and Lower 0.3V@250mA | Linear | 1.3 | 1:10 | V | MSOP-8 |
| EUM6189 | BD6989 | 2~6 | | 900 | V | Upper and Lower 0.27V@250mA | PWM | 1.3 | 1:10 | V | MSOP-8 |
| EUM6801 | LV8800 SS30 (Similar) | 1.8~6 | 3phase sensorless Fan Driver | 900 | V | Upper and Low 0.25V@500mA | PWM | X | 1:2 | V | TDFN10 |
| EUM6804 | APX9265+ BD6966 | 1.4~6 | Speed slope adjustable | 1000 | V | Upper and Low 0.1V@500mA | PWM/Linear | 1.2 | 1:10 | V | TDFN-10 |
| EUM6167 | LB11967 | 6~18 | | 50 (pre-driver) | X | --- | PWM | 1.2 | 1:10 | V | TSSOP-20 |
| EUM6867 | LB11867 | 5.5~18 | | 30(pre-driver) | X | --- | PWM | -- | 1:10 | V | TSSOP-16 |
| EUM6883 | LA6583 | 1.8~13.8 | | 800 | V | VOL=0.11 (@250mA) VOH=0.39 (@250mA) | Linear | 1.5 | 1:10 | V | MSOP-10 |
| EUM6861 | LB11961 (Similar) | 3~18 | 12V PWM Fan Driver | 1000 | V | VOL=0.1 (@200mA) VOH=0.2 (@200mA) | PWM | 1.2 | 1:10 | V | TSSOP-16 TDFN-14 |
| EUM6862 | LB11961 (Similar) | 3~28 | 24V PWM Fan Driver | 1000 | V | VOL=0.1 (@200mA) VOH=0.2 (@200mA) | PWM | 1.2 | 1:10 | V | TSSOP-16 TDFN-14 |
| EUM6270 | LB11970 | 4.5~18 | | 1200 | V | VOL=0.11 (@200mA) VOH=0.38 (@200mA) | PWM | 1.2 | 1:10 | V | TSSOP-20 |

* - Developing

VCM Drive for Auto Focus

| Part No. | Pin to Pin compatible | Input Voltage (V) | Advantage | Output Current (mA) | Internal I2C | DAC | Output Current Setting Time | 符合ROHS | Package |
|----------|-----------------------|-------------------|-----------------------|---------------------|--------------|-------|-----------------------------|--------|---------|
| EUM6820 | AD5820 | 2.3~5.5 | Low Power Consumption | 100mA Current Sink | V | 10Bit | 250uS | V | WCSP-6 |

* - Developing

Power Switch

| Part No. | Pin to Pin compatible | Input voltage (V) | Advantage | Current Limited/ Iout (A) | RDS(ON) (mΩ) | IQ (uA) | TSD (°C) | TON (us) | TOFF (us) | ROHS | Package |
|-------------|-----------------------|-------------------|-------------|---------------------------|--------------|---------|----------|----------|-----------|------|--------------------------|
| EUP3510/11 | AAT4610 | 2.4~5.5 | | | 115 | 7.5 | 135 | 50 | 5 | V | SOT23-5 |
| EUP3545A | G545, RT9711 | 2.4~5.5 | | 1.5A/1A | 100 | 11 | 135 | 350 | - | V | MSOP8_EP |
| EUP3545 | G545 | 2.4~5.5 | | 2A/1.5A | 100 | 11 | 135 | 350 | - | V | SOT23-5 MSOP8 SOP8 |
| EUP3545A-25 | | 2.4~5.5 | | 2.5A/2A | 105 | 11 | 135 | 350 | - | V | MSOP8 |
| EUP3542 | RT9712 | 2.4~5.5 | | DUAL 1A | 100 | 13 | 135 | 300 | - | V | SOP-8 MSOP8 |
| EUP3542-15 | | 2.4~5.5 | | DUAL 1.5A | 100 | 13 | 135 | 300 | - | V | SOP8+EP |
| EUP3546 | G546 | 2.4~5.5 | | DUAL 1A | 95 | 13 | 135 | 300 | - | V | SOP-8 |
| EUP3546-15 | | 2.4~5.5 | | DUAL 1.5A | 95 | 13 | 135 | 300 | - | V | SOP-8+EP |
| EUP3507 | | 2.5~5.5 | Line Switch | 600mA | 400~600 | 120 | 170 | 22 | 15 | V | SOT23-5 |

* - Developing

I/O Extender

| Part No. | Pin to Pin compatible | Input voltage (V) | Advantage | I/O ports | Max FscI (kHz) | Istb (uA) | I+ (uA) | ROHS | Package |
|----------|-----------------------|-------------------|------------------------------|-------------------------------------------------|----------------|-----------|---------|------|---------|
| EUP9325 | SN7325 | 2.4~5.5 | Multi-Function I2C I/O Drive | 8 open-drain I/O ports 8 push-pull I/O ports | 400 | 0.3 | 8 | V | QFN24 |