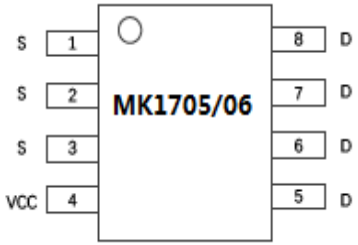
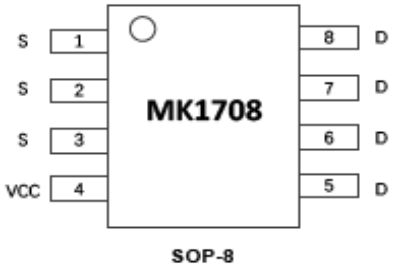
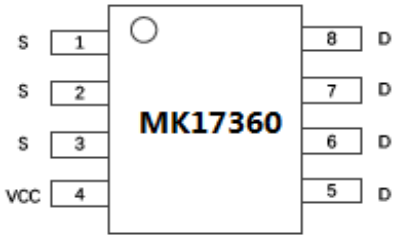
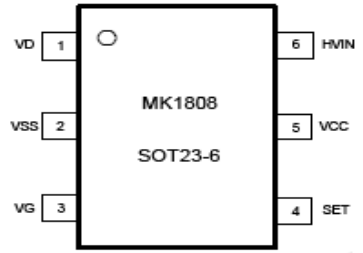
| No. | Type No. | Spec | Package (Pin-out) | Application | Remark |
|---|---|---|---|---|---|
| 1 | MK1705/06 | MK1706: Built-in 45V 18mOhm MOS;<br>MK1705: Built-in 40V 20mOhm MOS<br>DCM/QR Supported. Fsw <150KHz,<br>Precisely 0mV turn-off<br>Connection way : High-side/Low-side<br>DLRA Function(动态负载加速启动) |  | 5V2.1A/ 2.4A Charger | Which can be perfectly compatible with any PSR ICs on market; no any malfunction happened.<br>1. Turn-on delay time<20nS<br>2. Turn-off delay time<20nS |
| 2 | MK1708 | Built-in 45V 10mOhm MOS; DCM/QR mode supported. Fsw<150KHz,<br>Precisely 0mV turn-off<br>Connection way : High-side/Low-side<br>DLRA Function(动态负载加速启动) |  | 5V 3.4A or less<br>Wall Charger/Multi-port USB | Which can be perfectly compatible with any PSR ICs on market; no any malfunction happened.<br>1. Turn-on delay time<20nS<br>2. Turn-off delay time<20nS |
| 3 | MK17360 | Built-in 60V 15mOhm MOS;<br>DCM/QR mode supported.<br>Fsw<150KHz, Precisely 0mV turn-off<br>Connection way : High-side/Low-side<br>DLRA Function(动态负载加速启动)<br>(支持 PSR 架构、轻度 CCM,) |  | 5V 3.0A/ 9V 2.5A/12V 2.0A-2.5A | Which can be perfectly compatible with any PSR ICs on market; no any malfunction happened<br>1. Turn-on delay time<20nS<br>2. Turn-off delay time<12nS |
| 3 | MK1808 | Externally-droved MOS; CCM/DCM/QR mode supported. Fsw <350KHz, Gate driving voltage 6V or 9V (Clamping)<br>Connection way : High-side/Low-side<br>Vd to Gnd: -3V to +120V<br>VCC range: 3.6V-9.5V |  | Adapter or charger<br>5V/9V/12V/15V/20V output | High efficiency & Realiability<br>1. Turn-on delay time<20nS<br>2. Turn-off delay time<12nS<br>3. 1.0 A source current<br>4. 4.0A sink current<br>5. Only one 104 Capacitor& resistor |

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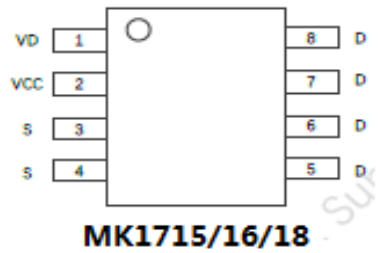
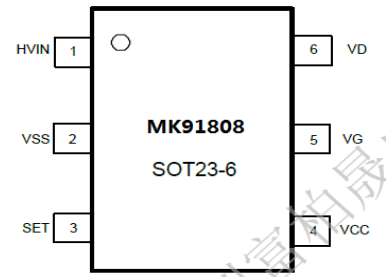
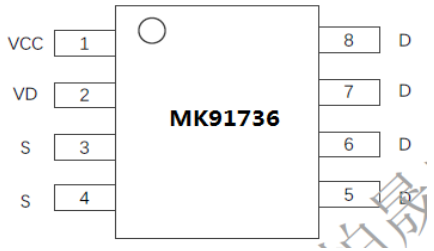
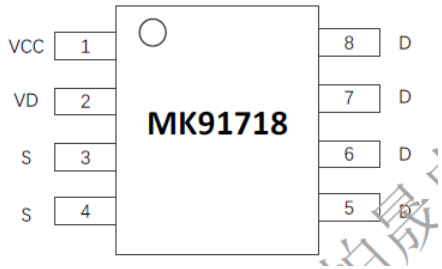
|---|---|---|---|---|---|
| 4 | MK1715/16/18 | Built-in 100V NMOS 20mOhm/16mOhm/8.5mOhm; CCM/DCM/QR mode supported. Fsw can be supported up to 200KHz, CC load: Support 3V output voltage. Connection way : High-side/Low-side VCC range: 5.0V-9.5V |  | PD with PPS/QC/Adapter Output voltage:5V/9V/12V/20V (Depends on ratio of Trans) Output current: 2.5A-4.0A (depends on area of heatsink in PCB layout) | High efficiency & Realiability<br>1. Turn-on delay time<20nS<br>2. Turn-off delay time<12nS<br>3. Only one 104 Capacitor |
| 5 | MK91808 | Externally-droved MOS; CCM/DCM/QR mode supported. Fsw <350KHz, Gate driving voltage 6V or 9V (Clamping) Connection way : High-side/Low-side Vd to Gnd: -3V to +120V VCC range: 3.6V-9.5V |  | PD with PPS/QC/Adapter Output voltage:5V/9V/12V/20V Depends on MOS' junction capacitorCiss/ Coss/Qg. | High efficiency & Realiability<br>1. Turn-on delay time<20nS<br>2. Turn-off delay time<12nS<br>3. 1.0 A source current<br>4. 4.0A sink current<br>5. Only one 104 Capacitor and one Rset resistor.<br>6. Pin to Pin for MP6908 |
| 6 | MK91736 | Built-in 60V NMOS 16mOhm CCM/DCM/QR mode supported. Fsw can be supported up to 200KHz, CC load: Support 3V output voltage. Connection way : High-side/Low-side VCC range: 5.0V-9.5V |  | PD with PPS/QC/Adapter Output voltage:5V/9V/12V (Depends on ratio of Trans) Output current: 2.0-2.5A (depends on area of heatsink in PCB layout) | High efficiency & Realiability<br>1. Turn-on delay time<20nS<br>2. Turn-off delay time<12nS<br>3. Only one 104 Capacitor |
| 7 | MK91718 | Built-in 100V NMOS 8.5mOhm; CCM/DCM/QR mode supported. Fsw can be supported up to 200KHz, CC load: Support 3V output voltage. Connection way : High-side/Low-side VCC range: 5.0V-9.5V |  | PD with PPS/QC/Adapter Output voltage:5V/9V/12V (Depends on ratio of Trans) Output current: 3.0A-4.0A (depends on area of heatsink in PCB layout) | High efficiency & Realiability<br>1. Turn-on delay time<20nS<br>2. Turn-off delay time<12nS<br>3. Only one 104 Capacitor and one Rset resistor.<br>4. Pin to Pin for MP9989G |