



Primary Secondary

2KV/1210
2KV/1210
1KV/1210
For EMI Solution

Need to adjust R/C Value

$$V_{out} = 2.495 * (1 + 47.0499K / 15K)$$

$$V_{out} = 10.321V$$

| 20180820 Different BOM For AT& AF Need to be manually distinguished in System BOM | |
|--|--|
| AT BOM | |
| T4 | 1156000001095 X'EMR POWER PW07160ST 42uH SMD12 FPE |
| R263 | 200500001453H RES SMD 100ohm 5% 1/4W -200+400ppm/C 1206(C1-SR) |
| R279 | 20047020FM61E RES SMD 47kohm 1% 1/16W 0402 LT/LF WALSIN |
| R281 | 200310000895H RES SMD 15kohm 1% 1/16W 100ppm/C 0402 LT/LF(C1) |
| R270 | 200634D0FN60H RES SMD 63.4 ohm +1% 1/16W 0402 LT/LF |
| AF BOM | |
| T4 | 115600000088A X'EMR POWER PW07160ST 42uH 10% 1:0.333:0.333 SMD12 FPE |
| R263 | 200500001453H RES SMD 5.1ohm 5% 1/4W -200+400ppm/C 206(C1-SR) |
| R279 | 20047520FM60E RES SMD 47.5kohm 1% 1/16W 0402 |
| R281 | 200500001120H RES SMD 11.5kohm 1% 1/16W 100ppm/C 0402(C1) |
| R270 | 200909D0FN60E 90.9ohm |

Place at bottom layer

当PS电源为模式时，
T2P处于高阻状态
当PS电源为模式时，
T2P为低电平

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AT AF 切换电路

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|------------|---------------------------|----------|-----------|
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| Page Name | 13_PoE-TPS23754&TPS2378 | Engineer | kerong_Ju |
| Date | Thursday, August 30, 2018 | Sheet | 13 of 23 |