

AMS1117-3.3V Voltage Regulator (module)

Features

Output current	1A
Line adjustment rate	0.2% (maximum)
Load regulation	0.4% (max.)
Package Type	SOT-223
Operating junction temperature range	-40 to 125°C
Welding temperature (25 seconds)	265°C
Storage temperature	- 65~150°C
Output voltage	3.267 to 3.333V (IOUT: 0 to 1A, VIN :4.75V to 12V)
Line adjustment (maximum)	10mV (VIN :4.75V to 12V)
Load regulation (maximum)	15mV (VIN = 5V, IOUT: 0 to 1A)
Voltage difference (maximum)	1.3V
Current limit	900 ~ 1500mA
Quiescent Current (Max)	10mA
Ripple suppression (minimum)	60dB
Size	8.6mm x 12.33mm

Notes:

1. Please do not exceed operating voltage, or it will be damaged easily!
2. Exceeding the maximum allowable power consumption will result in excessive chip temperature
3. Can not reverse polarity, or it will result in short circuit!

Module & Dimensions

