MTU1S0512MC

In Production   Recommended   RoHS

Appearance & Shape

Features

12V 83mA, 1W Single Output Isolation 1kVDC, DC-DC
Converter 4.5V-5.5V Input

URL : https://www.murata.com/

Last updated2020/06/04

MTU1S0512MC

Specifications

Output power(W)Max	1W
Vin(V)	4.5V to 5.5V
Vin(V)typ	5V
Vout(V)	12V
Vout(V)typ	12V
LineRegulation(%)	-1.1％ to 1.1％
LoadRegulation(%)	7.5％
Isolation Voltage(V)	1000V
Efficiency(%)	87％
Size(mm)W	8.2mm
Size(mm)L	8.4mm
Size(mm)T	8.5mm
Operatingtemperature(degC)	-40℃ to 85℃
Outputs(#)	1
Iout(A)Max	0.083A
Package	SMD
Productseries	MTU
Product Series Features	Isolated 1W Single Output SM DC-DC Converters
Regulation	Unregulated
Safety Approval	UL60950
Brand	MPS

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