

MYLSM00502ERPL

In Production

Recommended

RoHS

Appearance & Shape




Features

- Input voltage ranges from 4.5 to 17V
- Settable output voltage from 1 to 5.25V
- Up to 2.5 A of output current
- Quick transient response to load change
- Small package, 7.9 x 7.9 x 2.3mm
- Short Circuit protection
- Thermal protection
- Enable control

Attention

- 1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
- 2.This datasheet has only typical specifications because there is no space for detailed specifications.
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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Specifications

Iout(A)Max	2.5A
Vin(V)	4.5V to 17V
Vin(V)typ	12V
Vout(V)	1V to 5.25V
Vout(V)typ	3.3V
LineRegulation (%)	-2% to 2%
LoadRegulation (%)	-2% to 2%
Outputs (#)	1
Efficiency (%)	88%
Switching frequency (kHz)	2500kHz
Size(mm)W	7.9mm
Size(mm)L	7.9mm
Size(mm)T	2.3mm
Operatingtemperature(degC)	-40°C to 85°C
Circuit topology	Buck(Step-down)
Package	SMD
Type	Modules (integrated components)
Productseries	MYLSM
Product Series Features	MYLSM series is metal enclosed single output POL (Point of Load) DC-DC converter
Brand	Murata

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