

OKL-T/1-W12N-C

2.9V to 14V input voltage, 1A, DOSA compatible Buck converter with 85degC Ta



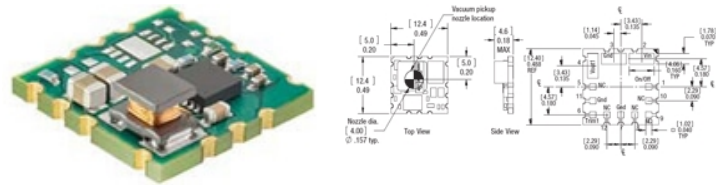
Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Consumer equipment,Industrial Equipment Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product.

Features

- Input voltage ranges from 2.9 to 14V
- Settable output voltage from 0.9 to 5.5V
- Up to 1 A of output current
- iLGA, inspectable Land Grid Array
- Over current protection
- Thermal protection
- Negative enable control

Appearance & Shape



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	1A
Vin(V)	2.9V to 14V
Vin(V)typ	12V
Vout(V)	0.9V to 5.5V
LineRegulation (%)	-0.25% to 0.25%
LoadRegulation (%)	-0.25% to 0.25%
Outputs (#)	1
Efficiency (%)	90%
Size(mm)W	12.4mm
Size(mm)L	12.4mm
Size(mm)T	4.57mm
Operatingtemperature(degC)	-40°C to 85°C
Circuit topology	Buck(Step-down)
Package	SMD
Type	Modules (integrated components)
Productseries	OKL
Product Series Features	OKL series is single output POL(Point of Load) with iLGA
Brand	Murata Power Solutions

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