Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.
Please download the latest datasheet of MYRGP100060B21RC from the official website of Murata

http://www.murata.com/en/products/productdetail?partno=MYRGP100060B21RC

MYRGP100060B21RC

2V to 6V input voltage, 1V output voltage up to 0.6A, Buck Converter with 85degC Ta

In Production | Recommended | New | RoHS

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.
Recommended Applications	Processor [ASIC / FPGA / xPU],Optical Backbone network,Optical Module, Server,Storage,Switch,Industrial Equipment

Features

The MYRGP-W/B series is a synchronous step-down mini DC/DC converter which integrates an inductor and a control IC in one tiny package (2.5mm×2.0mm, H=1.0mm).

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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MYRGP100060B21RC

Specifications

Iout(A)Max	0.6A
Vin(V)	2V to 6V
Vin(V)typ	5V
Vout(V)	1V
Vout(V)typ	1V
Outputs (#)	1
Switching frequency (kHz)	3000kHz
Size(mm)W	2.0mm
Size(mm)L	2.5mm
Size(mm)T	1.0mm
Operatingtemperature(degC)	-40℃ to 85℃
Circuit topology	Buck(Step-down)
Package	SMD
Type	Modules (integrated components)
Productseries	MYRGP
Product Series Features	Inductor Built-in Step-Down “mini DC/DC” Converters
Brand	Murata

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