

MYRBP330080W21RD

0.65V to 6V input voltage, 3.3V output voltage up to 0.6A, Step-up DC-DC Converter with 85degC Ta

In Production

Recommended

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 MYRBP-W series is a synchronous step-up mini DC/DC converter which integrates an inductor and a control IC in one tiny package.

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	0.6A
Vin(V)	0.65V to 6V
Vin(V)typ	1.5V
Vout(V)	3.3V
Vout(V)typ	3.3V
Outputs (#)	1
Efficiency (%)	81.2%
Switching frequency (kHz)	3000kHz
Size(mm)W	2.0mm
Size(mm)L	2.5mm
Size(mm)T	1.0mm
Operatingtemperature(degC)	-40°C to 85°C
Circuit topology	Boost(Step-up)
Package	Molding
Type	Modules (integrated components)
Productseries	MYRBP
Product Series Features	Inductor Built-in Step-up DC/DC Converter
Brand	Murata

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