

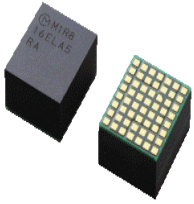
MYMG1R816ELA5RA

In Production

Recommended

RoHS

Appearance & Shape



Features

- Input voltage ranges from 7.5 to 15V
- Settable output voltage from 0.7 to 1.8V
- Up to 16 A of output current
- Quick transient response to load change
- Small package, 9 x 10.5 x 5mm
- Over current protection
- Enable control
- Power Good signal
- High Reliability / Heat Shock Testing, 700cycle (-40 to +125degC)
- PMBus interface available

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	16A
Vin(V)	7.5V to 15V
Vin(V)typ	12V
Vout(V)	0.7V to 1.8V
Vout(V)typ	1V
LineRegulation(%)	-0.5% to 0.5%
LoadRegulation(%)	-0.5% to 0.5%
Outputs(#)	1
Efficiency(%)	94%
Switching frequency(kHz)	400kHz
Size(mm)W	9.0mm
Size(mm)L	10.5mm
Size(mm)T	5.0mm
Operatingtemperature(degC)	-40°C to 105°C
Circuit topology	Buck(Step-down)
Package	SMD
Type	Modules (integrated components)
Productseries	MYMGM
Product Series Features	MYMGM series which is POL (Point of Load) is single output MonoBK with PMBus
Brand	Murata

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