

MPDRX312S

Discontinued

RoHS



Appearance & Shape



Features

- Input voltage ranges from 3 to 5.5V
- Settable output voltage from 0.8 to 1.8V
- Up to 16 A of output current
- Quick transient response to load change
- Package size, 15.4 x 27.8 x 4.2mm
- Over current protection
- Thermal protection
- Enable control
- Power Good signal

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.

MPDRX312S



Specifications

Iout(A)Max	16A
Vin(V)	3V to 5.5V
Vin(V)typ	3.3V
Vout(V)	0.8V to 1.8V
Vout(V)typ	0.8V
Outputs (#)	1
Efficiency (%)	86.5%
Switching frequency (kHz)	500kHz
Size(mm)W	15.4mm
Size(mm)L	27.8mm
Size(mm)T	4.2mm
Operatingtemperature(degC)	-40°C to 85°C
Circuit topology	Buck(Step-down)
Package	SMD
Type	Modules (integrated components)
Productseries	MPDRX
Product Series Features	MPDRX series is a high-speed response POL(Point of Load) DC-DC converter.
Brand	Murata

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