

# MYTNC1R86RELA2RA

6V to 14.4V input voltage, 6A, Buck Converter with 120degC Tj

In Production

Recommended

RoHS

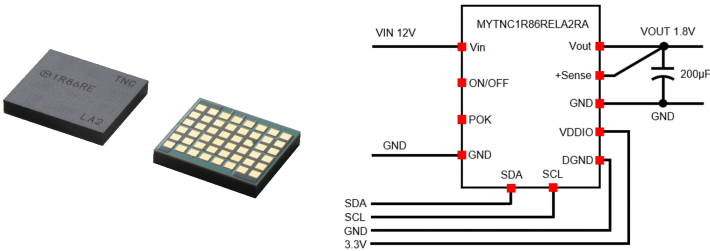
## Applications

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,Base Station, Industrial Equipment

## Features

PGOOD signal,  
Over Current Protection, Over Temperature Protection,  
Remote ON/OFF,  
Voutsense,  
I2C

## 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.

# MYTNC1R86RELA2RA



## Specifications

Iout(A)Max	6A
Vin(V)	6V to 14.4V
Vin(V)typ	12V
Vout(V)	0.7V to 1.8V
Vout(V)typ	0.7V
LineRegulation (%)	-1% to 1%
LoadRegulation (%)	-1% to 1%
Outputs (#)	1
Efficiency (%)	90%
Switching frequency (kHz)	1000kHz
Size(mm)W	10.5mm
Size(mm)L	9.0mm
Size(mm)T	2.1mm
Operatingtemperature(degC)	-40°C to 105°C
Circuit topology	2 stage buck
Package	SMD
Productseries	UltraBK
Product Series Features	Ultra-thin Efficient 6A DCDC converter module UltraBK
Brand	Murata

### 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.