

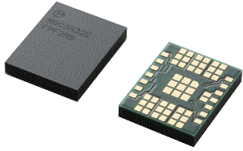
# MYMGC3R32EFPF2RB

In Production

Recommended

RoHS

## Appearance & Shape



## Features

- Input voltage ranges from 4.3 to 5.5V
- Fixed 4 outputs voltage, 1.2V, 1.8V, 3.3V and 2.5V
- Quick transient response to load change
- Small package, 11.9×15×2.4mm
- Over current protection
- Thermal Protection
- Enable control
- Power Good signal
- I2C function
- High Reliability / Heat Shock Testing, 700cycle (-40 to +125degC)

### 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.

# MYMGC3R32EFPF2RB



## Specifications

|                            |  |
|----------------------------|--|
| Iout(A)Max                 | 2.5A   |
| Vin(V)                     | 4.3V to 5.5V   |
| Vin(V)typ                  | 5V   |
| Vout(V)                    | 1.2V   |
| Vout(V)typ                 | 1.2V   |
| LineRegulation (%)         | -1% to 1%  |
| LoadRegulation (%)         | -1% to 1%  |
| Outputs (#)                | 4  |
| Efficiency (%)             | 88%  |
| Switching frequency (kHz)  | 1650kHz  |
| Size(mm)W                  | 11.9mm   |
| Size(mm)L                  | 15.0mm   |
| Size(mm)T                  | 2.4mm  |
| Operatingtemperature(degC) | -40°C to 85°C  |
| Circuit topology           | Buck(Step-down)  |
| Package                    | SMD  |
| Type                       | Modules (integrated components)  |
| Productseries              | MYMGC  |
| Product Series Features    | MYMGC series which is POL (Point of Load) is multiple output MonoBK with I2C interface |
| Iout2(A)Max                | 1A   |
| Vout2 (V)                  | 1.8V   |
| Vout2 (V)typ               | 1.8V   |

|                     |           |
|---------------------|-----------|
| LineRegulation2 (%) | -1% to 1% |
| LoadRegulation2 (%) | -1% to 1% |
| Iout3(A)Max         | 2A        |
| Vout3 (V)           | 3.3V      |
| Vout3 (V)typ        | 3.3V      |
| LineRegulation3 (%) | -1% to 1% |
| LoadRegulation3 (%) | -1% to 1% |
| Iout4(A)Max         | 1.5A      |
| Vout4 (V)           | 2.5V      |
| Vout4 (V)typ        | 2.5V      |
| LineRegulation4 (%) | -1% to 1% |
| LoadRegulation4 (%) | -1% to 1% |
| Brand               | Murata    |

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