

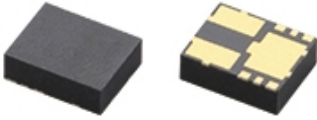
# MYRGM330150B31RA

Discontinued

RoHS



## Appearance & Shape



## Features

The MYRGM-B series is a synchronous step-down mini DC-DC converter which integrates an inductor and a control IC in one tiny package.

### 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.

# MYRGM330150B31RA



## Specifications

|                            |                                                   |
|----------------------------|---------------------------------------------------|
| Iout(A)Max                 | 1.5A                                              |
| Vin(V)                     | 2.7V to 5.5V                                      |
| Vin(V)typ                  | 5V                                                |
| Vout(V)                    | 3.3V                                              |
| Vout(V)typ                 | 3.3V                                              |
| Outputs (#)                | 1                                                 |
| Efficiency (%)             | 92%                                               |
| Switching frequency (kHz)  | 3000kHz                                           |
| Size(mm)W                  | 2.5mm                                             |
| Size(mm)L                  | 3.2mm                                             |
| Size(mm)T                  | 1.0mm                                             |
| Operatingtemperature(degC) | -40°C to 105°C                                    |
| Circuit topology           | Buck(Step-down)                                   |
| Package                    | SMD                                               |
| Type                       | Modules (integrated components)                   |
| Productseries              | MYRGM                                             |
| Product Series Features    | 1.5A Inductor Built-in Step-Down DC-DC Converters |
| Brand                      | Murata                                            |

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