

## LDO Regulator Pos 3.3V 0.5A Automotive 5-Pin(4+Tab) TO-252 T/R



Images are for reference only

[Inquiry](#)

**Manufacturer:** [ROHM Semiconductor](#)

**Package/Case:** TO-252

**Product Type:** Power Management ICs

**Lifecycle:** Active

### General Description

The BD433M5WFPJ-C is low quiescent regulator. This regulator is therefore ideal for applications requiring a direct connection to the battery and a low current consumption. Ceramic capacitors can be used for compensation of the output capacitor phase. Furthermore, this IC also feature overcurrent protection to protect the device from damage caused by short-circuiting and an integrated thermal shutdown to protect the device from overheating at overload conditions. A logical “HIGH” at the CTL enables the device and “LOW” at the CTL disables the device.

### Key Features

Qualified for Automotive Applications

Wide Temperature Range:-40°C to +150°C

Wide Operating Input Range:3.0V to 42V

Low Quiescent Current:40µA (Typ.)

Output Current:200mA

High Output Voltage Accuracy:±2%

Over Current Protection (OCP)

Thermal Shutdown Protection (TSD)

AEC-Q100 Qualified

### Recommended For You

#### **BD5230G-TR**

ROHM Semiconductor

SOT23-5

#### **BD6222HFP-TR**

ROHM Semiconductor

HRP7

#### **BD6211F-E2**

ROHM Semiconductor

SOP8

**BD001A5MEFJ-ME2**

ROHM Semiconductor

HTSOP8

**BD6237FM-E2**

ROHM Semiconductor

HSOP-M28

**BD48K33G-TL**

ROHM Semiconductor

SOT23

**BD9G101G-TR**

ROHM Semiconductor

SOT-23-6

**BD9781HFP-TR**

ROHM Semiconductor

TO263-7

**BD00GA5WEFJ-E2**

ROHM Semiconductor

HTSOP8

**BD2204GUL-E2**

ROHM Semiconductor

VCSP50L1

**BD9D320EFJ-E2**

ROHM Semiconductor

HTSOP8

**BD2051AFJ-E2**

ROHM Semiconductor

SOP8

**BD450M2FP3-CE2**

ROHM Semiconductor

SOT-223

**BD450M5WFPJ-CZE2**

ROHM Semiconductor

TO252-J5F

**BD63860EFV-E2**

ROHM Semiconductor

HTSSOP28