

**NEW** TCR3DM12 *New product*

CMOS point regulator (single output)

[Description](#)  [Properties](#)  [Document](#)  [Inquiries on our product](#)

## Description

RoHS Compatible Product(s) (#)	Available
Assembly bases	Japan

## Properties

### Package Information

Toshiba Package Name	DFN4
Pins	4

### Absolute Maximum Ratings

Characteristics	Symbol	Rating	Unit
Output Current	$I_{OUT}$	300	mA
Power Dissipation @mounted on a glass-epoxy board(40mm×40mm), $T_a=25^\circ\text{C}$	$P_D$	420	mW
Input Voltage	$V_{IN}$	6	V

### Electrical Characteristics

Characteristics	Symbol	Condition	Value	Unit
Output Voltage (Typ.)	$V_{OUT}$	-	1.2	V

## Document

Application Note	<a href="#">Application Note for Low Drop Out (LDO) regulator IC</a> [Dec,2012]	(PDF: 153KB)
Catalog	<a href="#">General-Purpose Small Signal Surface-Mount Devices Product Guide</a> [May,2011]	(PDF: 2608KB)
Catalog	<a href="#">SYSTEM CATALOG Semiconductor for Power Supplies</a> [Dec,2012]	(PDF: 1425KB)

## Links

▶ [Frequently Asked Questions](#)

### Inquiries on our product

▶ [Contact Us](#)

For product delivery, additional characters will be added to the part numbers shown on this website. For details, please ask your local distributor, or send an inquiry accessed from "Contact Us" on this website.

### Note

The Part Number column shows representative part numbers only, which may not be available for sale in the precise form shown. Each Part Number constitutes a product family which may contain multiple associated product configurations. (#) Under the RoHS Compatible Product(s) column, "Available" means at least one RoHS-Compatible product is available for sale in the corresponding product family. "None" means no RoHS Compatible product is available in that product family. For Toshiba's definitions of concepts related to the RoHS Directive and RoHS Compatibility, please click [here](#). The RoHS compatibility information provided herein is to the best of Toshiba's knowledge and belief accurate as of the date Toshiba entered the information into this database. Information is subject to change at any time without notice. Please contact your Toshiba sales representative for detailed environmental information about each specific part number or product, such as RoHS compatibility or material content. Please use Toshiba products only in compliance with all applicable laws and regulations concerning the inclusion or use of controlled substances, including without limitation the RoHS Directive. **TOSHIBA ASSUMES NO LIABILITY FOR DAMAGES OR LOSSES OCCURRING AS A RESULT OF NONCOMPLIANCE WITH APPLICABLE LAWS AND REGULATIONS.**

[Back to List](#) >

[▲ To Top](#)

 A new window will open.

#### ▶ Products

- ▶ Memories/Storages Devices
- ▶ Storage Products (SSDs / HDDs)
- ▶ General-Purpose Logic ICs
- ▶ Transistors
- ▶ Diodes
- ▶ Optical Semiconductor Devices
- ▶ Sensors
- ▶ Radio-Frequency Devices
- ▶ Microcomputer
- ▶ ASICs / Structured Arrays
- ▶ ASSPs
- ▶ General-Purpose Linear ICs
- ▶ Software IP

#### ▶ Applications

- ▶ Automotive
- ▶ Industry
- ▶ Power Supplies
- ▶ PC Peripheral
- ▶ Mobile
- ▶ Digital consumer electronics
- ▶ Home Appliances/Industrial Systems

#### ▶ Design/Support

- ▶ Company Profile
- ▶ Sample/Purchase
- ▶ Terms of Use