

## TCR2DG18

 Data sheet

▶ Japanese/PDF:428KB

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# TCR2DG18 New Product

Low Dropout (LDO) Linear Voltage Regulator

## Description

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

## Package Information

Toshiba Package Name	WCSP4
Package Image	
Pins	4
Mounting	Surface Mount
Width×Length×Height (mm)	0.79×0.79×0.5
Package Dimensions	<a href="#">View</a>
Land pattern dimensions	<a href="#">View</a>

Please refer to the link destination to check the detailed size.

## Absolute Maximum Ratings

Characteristics	Symbol	Rating	Unit
Output Current (Max)	I <sub>OUT</sub>	200	mA
Power Dissipation (mounted on glass-epoxy board(40mm×40mm))	P <sub>D</sub>	800	mW
Input Voltage	V <sub>IN</sub>	6	V

## Electrical Characteristics

Characteristics	Symbol	Condition	Value	Unit
Output Voltage (Typ.)	V <sub>OUT</sub>	-	1.8	V








## Purchase and Sample


Please contact one of Toshiba's official distributors or the nearest Toshiba sales office.

[> Global Sales Contact](#)

You can search for and purchase a small on-line sample by clicking on the following link.

## Document

<input type="checkbox"/> Data sheet	 <a href="#">TCR2DG18 Data sheet/Japanese</a> [Mar,2014] (PDF: 428KB)
<input type="checkbox"/> Data sheet	 <a href="#">TCR2DG18 Data sheet/English</a> [Mar,2014] (PDF: 355KB)
<input type="checkbox"/> Environment Information	 <a href="#">Certificate Regarding EU RoHS(2011/65/EU)Controlled Substances</a> [Oct,2018] (PDF: 53KB) <b>UPDATED</b>
<input type="checkbox"/> Environment Information	 <a href="#">Certificate on Content of SVHC of REACH</a> [Oct,2018] (PDF: 45KB) <b>UPDATED</b>
<input type="checkbox"/> Application Note	 <a href="#">Application Note for Low Drop Out (LDO) regulator IC</a> [Dec,2012] (PDF: 153KB)
<input type="checkbox"/> Catalog	 <a href="#">Small-Signal Semiconductors</a> [Jul,2015] (PDF: 1602KB)
<input type="checkbox"/> Catalog	 <a href="#">Power Management</a> [May,2015] (PDF: 1179KB)

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## Orderable part number

Orderable part number (example)	MOQ(pcs)	Reliability Information	RoHS
TCR2DG18,LF	3000	-	Yes

## Related Links

- > [Web Simulator](#)
- > [Frequently Asked Questions](#)
- > [Part Naming Conventions](#)

### Notes

- ▶ 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.
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- ▶ Reliability data are provided for your reference only, please contact your Toshiba sales representative for detailed reliability information about each part number.
- ▶ 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.

