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TCR2DG18

Data sheet

Japanese/PDF:428KB

English/PDF:355KB

Description

Package Information

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Orderable part number

Related Links

Notes

A new window will open



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	View
Land pattern dimensions	View

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

Absolute Maximum Ratings

Characteristics	Symbol	Rating	Unit
Output Current (Max)	I_{OUT}	200	mA
Power Dissipation (mounted on glass-epoxy board(40mm×40mm))	P_D	800	mW
Input Voltage	V_{IN}	6	V

Electrical Characteristics

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

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If the checkbox is grayed out, the corresponding document cannot be downloaded in batch.

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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