

N/A

### TL5001CPSR

Part Number:	TL5001CPSR
Manufacturer/Brand:	N/A
Product description:	IC REG CTRLR BCK/BOOST/FLYBK 8SO
Datasheets:	
RoHS Status:	Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS



[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.

#### Specifications of TL5001CPSR

PART NUMBER	TL5001CPSR
MANUFACTURER	N/A
DESCRIPTION	IC REG CTRLR BCK/BOOST/FLYBK 8SO
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	3.6 V ~ 40 V
TOPOLOGY	Buck, Boost, Flyback
SYNCHRONOUS RECTIFIER	No
SUPPLIER DEVICE PACKAGE	8-SO
SERIES	-
SERIAL INTERFACES	-
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	8-SOIC (0.209", 5.30mm Width)
OUTPUT TYPE	Transistor Driver
OUTPUT PHASES	1
OUTPUT CONFIGURATION	Positive
OTHER NAMES	296-10206-2
OPERATING TEMPERATURE	-20°C ~ 85°C (TA)
NUMBER OF OUTPUTS	1
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MANUFACTURER STANDARD LEAD TIME	16 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
FUNCTION	Step-Up, Step-Down, Step-Up/Step-Down
FREQUENCY - SWITCHING	20kHz ~ 500kHz
DUTY CYCLE (MAX)	100%
DETAILED DESCRIPTION	Buck, Boost, Flyback Regulator Positive Output Step-Up, Step-Down, Step-Up/Step-Down DC-DC Controller IC 8-SO
CONTROL FEATURES	Dead Time Control, Frequency Control
CLOCK SYNC	No
BASE PART NUMBER	TL5001

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<p><b>TL5001CPS</b> Manufacturers: N/A Description: IC REG CTRLR BCK/BOOST/FLYBK 8SO In stock: 69204 pcs <a href="#">RFQ</a></p>	<p><b>TL5001CPSRG4</b> Manufacturers: N/A Description: IC REG CTRLR BCK/BOOST/FLYBK 8SO In stock: 93602 pcs <a href="#">RFQ</a></p>
<p><b>TL5001CPSR/1G4</b> Manufacturers: N/A Description: IC REG CTRLR BCK/BOOST/FLYBK 8SO In stock: 5675 pcs <a href="#">RFQ</a></p>	<p><b>TL5001CDR</b> Manufacturers: N/A Description: IC REG CTRLR BCK/BST/FLYBK 8SOIC In stock: 76919 pcs <a href="#">RFQ</a></p>
<p><b>TL5001CP</b> Manufacturers: N/A Description: IC REG CTRLR BUCK/BST/FLYBK 8DIP In stock: 90530 pcs <a href="#">RFQ</a></p>	<p><b>TL5001CPSR/1</b> Manufacturers: N/A Description: IC REG CTRLR BCK/BOOST/FLYBK 8SO In stock: 5184 pcs <a href="#">RFQ</a></p>
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<p><b>TL5001CP-P</b> Manufacturers: N/A Description: IC REG CTRLR BUCK/BST/FLYBK 8DIP In stock: 65375 pcs <a href="#">RFQ</a></p>	<p><b>TL5001EVM-097</b> Manufacturers: N/A Description: EVAL MOD BUCK CONTROLLER TL5001 In stock: 1852 pcs <a href="#">RFQ</a></p>
<p><b>TL5001EVM-088</b> Manufacturers: N/A Description: EVAL MOD BOOST CONTROLLER TL5001 In stock: 4775 pcs <a href="#">RFQ</a></p>	<p><b>TL5001EVM-089</b> Manufacturers: N/A Description: EVAL MOD BUCK CONTROLLER TL5001 In stock: 5342 pcs <a href="#">RFQ</a></p>