

N/A

## TPS62175DQCR

Part Number: TPS62175DQCR  
 Manufacturer/Brand: N/A  
 Product description: IC REG BUCK BST ADJ 0.5A 10WSON  
 Datasheets:  
 RoHS Status: Lead free / RoHS Compliant  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS



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Image may be representation. See specifications for product details.

### Specifications of TPS62175DQCR

PART NUMBER	TPS62175DQCR
MANUFACTURER	N/A
DESCRIPTION	IC REG BUCK BST ADJ 0.5A 10WSON
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	
VOLTAGE - OUTPUT (MIN/FIXED)	1V
VOLTAGE - OUTPUT (MAX)	6V
VOLTAGE - INPUT (MIN)	4.75V
VOLTAGE - INPUT (MAX)	28V
TOPOLOGY	Buck, Buck-Boost
SYNCHRONOUS RECTIFIER	Yes
SUPPLIER DEVICE PACKAGE	10-WSON (3x2)
SERIES	DCS-Control™
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	10-WFDFN Exposed Pad
OUTPUT TYPE	Adjustable
OUTPUT CONFIGURATION	Positive or Negative
OTHER NAMES	296-39451-2 TPS62175DQCR-ND
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF OUTPUTS	1
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	2 (1 Year)
MANUFACTURER STANDARD LEAD TIME	16 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
FUNCTION	Step-Down, Step-Up/Step-Down
FREQUENCY - SWITCHING	1MHz
DETAILED DESCRIPTION	Buck, Buck-Boost Switching Regulator IC Positive or Negative Adjustable 1V 1 Output 500mA 10-WFDFN Exposed Pad
CURRENT - OUTPUT	500mA
BASE PART NUMBER	TPS62175

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### Related Products

<p><b>TPS62173DSGR</b>                  Manufacturers: N/A                  Description: IC REG BUCK 5V 0.5A SYNC 8WSON                  In stock: 114255 pcs  <a href="#">RFQ</a></p>	<p><b>TPS62180EVM-581</b>                  Manufacturers: N/A                  Description: EVAL BOARD FOR TPS62180                  In stock: 1876 pcs  <a href="#">RFQ</a></p>
<p><b>TPS62180YZFR</b>                  Manufacturers: N/A                  Description: BUCK ADJ 6A 24DSBGA                  In stock: 74762 pcs  <a href="#">RFQ</a></p>	<p><b>TPS62177DQCT</b>                  Manufacturers: N/A                  Description: IC REG BUCK 3.3V 0.5A 10WSON                  In stock: 77351 pcs  <a href="#">RFQ</a></p>
<p><b>TPS62172DSGR</b>                  Manufacturers: N/A                  Description: IC REG BUCK 3.3V 0.5A SYNC 8WSON                  In stock: 96832 pcs  <a href="#">RFQ</a></p>	<p><b>TPS62172DSGT</b>                  Manufacturers: N/A                  Description: IC REG BUCK 3.3V 0.5A SYNC 8WSON                  In stock: 88584 pcs  <a href="#">RFQ</a></p>
<p><b>TPS62177DQCR</b>                  Manufacturers: N/A                  Description: IC REG BUCK 3.3V 0.5A 10WSON                  In stock: 93596 pcs  <a href="#">RFQ</a></p>	<p><b>TPS62175DQCT</b>                  Manufacturers: N/A                  Description: IC REG BUCK BST ADJ 0.8A 10WSON                  In stock: 78235 pcs  <a href="#">RFQ</a></p>
<p><b>TPS62172QDSGRQ1</b>                  Manufacturers: N/A                  Description: IC REG BUCK ADJ 0.5A SYNC 8WSON                  In stock: 101958 pcs  <a href="#">RFQ</a></p>	<p><b>TPS62172QDSGTQ1</b>                  Manufacturers: N/A                  Description: BUCK ADJ 500MA 8WSON                  In stock: 75411 pcs  <a href="#">RFQ</a></p>
<p><b>TPS62173DSGT</b>                  Manufacturers: N/A                  Description: IC REG BUCK 5V 0.5A SYNC 8WSON                  In stock: 89089 pcs  <a href="#">RFQ</a></p>	<p><b>TPS62175EVM-098</b>                  Manufacturers: N/A                  Description: MODULE EVAL BOARD TPS62175-098                  In stock: 1868 pcs  <a href="#">RFQ</a></p>