



Micrel / Microchip Technology

## MIC2251-2YD5-TR

Part Number:	MIC2251-2YD5-TR
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC REG BOOST ADJ 0.9A SOT23-5
Datasheets:	<a href="#">MIC2251-2YD5-TR.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	112427 pcs stock
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 MIC2251-2YD5-TR

PART NUMBER	MIC2251-2YD5-TR
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC REG BOOST ADJ 0.9A SOT23-5
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	112427 pcs
DATA SHEET	<a href="#">MIC2251-2YD5-TR.pdf</a>
VOLTAGE - OUTPUT (MIN/FIXED)	1.24V
VOLTAGE - OUTPUT (MAX)	37V
VOLTAGE - INPUT (MIN)	2.5V
VOLTAGE - INPUT (MAX)	5.5V
TOPOLOGY	Boost
SYNCHRONOUS RECTIFIER	No
SUPPLIER DEVICE PACKAGE	TSOT-23-5
SERIES	-
PACKAGING	Cut Tape (CT)
PACKAGE / CASE	SOT-23-5 Thin, TSOT-23-5
OUTPUT TYPE	Adjustable
OUTPUT CONFIGURATION	Positive
OTHER NAMES	576-3993-1
OPERATING TEMPERATURE	-40°C ~ 125°C (TJ)
NUMBER OF OUTPUTS	1
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
FUNCTION	Step-Up
FREQUENCY - SWITCHING	Up to 2.5MHz
DETAILED DESCRIPTION	Boost Switching Regulator IC Positive Adjustable 1.24V 1 Output 900mA (Switch) SOT-23-5 Thin, TSOT-23-5
CURRENT - OUTPUT	900mA (Switch)
BASE PART NUMBER	MIC2251

### Related Tags

Micrel / Microchip Technology MIC2251-2YD5-TR	MIC2251-2YD5-TR Distributor	MIC2251-2YD5-TR Supplier
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### Related Products

<p><b>MIC2250-2YD5-TR</b> Manufacturers: Microchip Technology Description: IC REG BOOST ADJ 0.9A SOT23-5 In stock: 158142 pcs <a href="#">RFQ</a></p>	<p><b>MIC2253-06YML-TR</b> Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST ADJ 3.5A 12MLF In stock: 132208 pcs <a href="#">RFQ</a></p>
<p><b>MIC2250-2YD5-TR</b> Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST ADJ 0.9A SOT23-5 In stock: 155045 pcs <a href="#">RFQ</a></p>	<p><b>MIC22600YTSE</b> Manufacturers: Micrel / Microchip Technology Description: IC REG BUCK ADJ 6A SYNC 24TSSOP In stock: 35977 pcs <a href="#">RFQ</a></p>
<p><b>MIC22600YML-TR</b> Manufacturers: Microchip Technology Description: IC REG BUCK ADJ 6A SYNC 24MLF In stock: 3491 pcs <a href="#">RFQ</a></p>	<p><b>MIC22600YML-TR</b> Manufacturers: Micrel / Microchip Technology Description: IC REG BUCK ADJ 6A SYNC 24MLF In stock: 64684 pcs <a href="#">RFQ</a></p>
<p><b>MIC2250-1YD5-TR</b> Manufacturers: Microchip Technology Description: IC REG BOOST ADJ 0.9A SOT23-5 In stock: 6937 pcs <a href="#">RFQ</a></p>	<p><b>MIC2250-1YD5-TR</b> Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST ADJ 0.9A SOT23-5 In stock: 113964 pcs <a href="#">RFQ</a></p>
<p><b>MIC2251-1YD5-TR</b> Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST ADJ 0.9A SOT23-5 In stock: 128418 pcs <a href="#">RFQ</a></p>	<p><b>MIC2251YML-TR</b> Manufacturers: Microchip Technology Description: IC REG BOOST ADJ 0.9A 8MLF In stock: 156079 pcs <a href="#">RFQ</a></p>
<p><b>MIC2253-06YML-EV</b> Manufacturers: Micrel / Microchip Technology Description: EVAL BOARD HIGH EFF BOOST REG In stock: 5702 pcs <a href="#">RFQ</a></p>	<p><b>MIC2250YML-TR</b> Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST ADJ 0.9A 8MLF In stock: 172565 pcs <a href="#">RFQ</a></p>