





Micrel / Microchip Technology


## MIC2006-0.5YM6-TR

Part Number:	MIC2006-0.5YM6-TR
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC DISTRIBUTION SW 0.5A SOT23-6
Datasheets:	 <a href="#">MIC2006-0.5YM6-TR.pdf</a>
RoHS Status:	 Lead free / RoHS Compliant
Stock Condition:	6647 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 MIC2006-0.5YM6-TR

PART NUMBER	MIC2006-0.5YM6-TR
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC DISTRIBUTION SW 0.5A SOT23-6
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	6647 pcs
DATA SHEET	 <a href="#">MIC2006-0.5YM6-TR.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	Not Required
VOLTAGE - LOAD	2.5 V ~ 5.5 V
SWITCH TYPE	General Purpose
SUPPLIER DEVICE PACKAGE	SOT-23-6
SERIES	-
RDS ON (TYP)	70 mOhm
RATIO - INPUT:OUTPUT	1:1
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	SOT-23-6
OUTPUT TYPE	P-Channel
OUTPUT CONFIGURATION	High Side
OTHER NAMES	MIC2006-0.5YM6 TR MIC2006-0.5YM6 TR-ND MIC2006-0.5YM6TR MIC2006-0.5YM6TR-ND
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF OUTPUTS	1
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
INTERFACE	On/Off
INPUT TYPE	Non-Inverting
FEATURES	Slew Rate Controlled
FAULT PROTECTION	Current Limiting (Fixed), Over Temperature, UVLO
CURRENT - OUTPUT (MAX)	500mA
BASE PART NUMBER	MIC2006

## Related Tags

<a href="#">Micrel / Microchip Technology MIC2006-0.5YM6-TR</a>	<a href="#">MIC2006-0.5YM6-TR Distributor</a>	<a href="#">MIC2006-0.5YM6-TR Supplier</a>
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<a href="#">Micrel / Microchip Technology MIC2006-0.5YM6-TR</a>	<a href="#">Microchip Technology MIC2006-0.5YM6-TR</a>	<a href="#">Roving Networks / Microchip Technology MIC2006-0.5YM6-TR</a>

## Related Products

 <p><b>MIC2005A-2YM6-TR</b> Manufacturers: Micrel / Microchip Technology Description: IC PWR SWITCH ACTIVE LOW SOT23-6 In stock: 463236 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MIC2006-0.8YML-TR</b> Manufacturers: Micrel / Microchip Technology Description: IC DISTRIBUTION SW 0.8A 6-MLF In stock: 6134 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MIC2005.VP</b> Manufacturers: Hamlin / Littelfuse Description: FUSE AUTO 5A 32VDC BLADE MICRO In stock: 16952 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MIC2006-0.5YML-TR</b> Manufacturers: Micrel / Microchip Technology Description: IC DISTRIBUTION SW 0.5A 6-MLF In stock: 6018 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MIC2005A-1YM6-TR</b> Manufacturers: Micrel / Microchip Technology Description: IC PWR SWITCH ACTIVE HI SOT23-6 In stock: 456551 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MIC2006-0.8YM6</b> Manufacturers: Micrel / Microchip Technology Description: IC DISTRIBUTION SW 0.8A SOT23-6 In stock: 104403 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MIC2005A-1YM5-TR</b> Manufacturers: Micrel / Microchip Technology Description: IC PWR SWITCH ACTIVE HI SOT23-5 In stock: 383139 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MIC2006-0.5YM6</b> Manufacturers: Micrel / Microchip Technology Description: IC DISTRIBUTION SW 0.5A SOT23-6 In stock: 84772 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MIC2006-0.8YM6-TR</b> Manufacturers: Micrel / Microchip Technology Description: IC DISTRIBUTION SW 0.8A SOT23-6 In stock: 3331 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MIC2006-0.8YM6TX</b> Manufacturers: Micrel / Microchip Technology Description: IC DISTRIBUTION SW 0.8A SOT23-6 In stock: 125708 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MIC2005A-2YM5-TR</b> Manufacturers: Micrel / Microchip Technology Description: IC PWR SWITCH ACTIVE LOW SOT23-5 In stock: 426560 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MIC2006-0.5YM6TX</b> Manufacturers: Micrel / Microchip Technology Description: IC DISTRIBUTION SW 0.5A SOT23-6 In stock: 120130 pcs</p> <p><a href="#">RFQ</a></p>