




Micrel / Microchip Technology

## MIC2005-0.5YM6

Part Number:	MIC2005-0.5YM6
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC DISTRIBUTION SW 0.5A SOT23-6
Datasheets:	 <a href="#">MIC2005-0.5YM6.pdf</a>
RoHS Status:	 Lead free / RoHS Compliant
Stock Condition:	123215 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 MIC2005-0.5YM6

PART NUMBER	MIC2005-0.5YM6
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC DISTRIBUTION SW 0.5A SOT23-6
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	123215 pcs
DATA SHEET	 <a href="#">MIC2005-0.5YM6.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	Bulk
PACKAGE / CASE	SOT-23-6
OUTPUT TYPE	P-Channel
OUTPUT CONFIGURATION	High Side
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
CURRENT - OUTPUT (MAX)	500mA
BASE PART NUMBER	MIC2005

### Related Tags

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### Related Products

 <p><b>MIC2005-0.8YM6</b> Manufacturers: Micrel / Microchip Technology Description: IC DISTRIBUTION SW 0.8A SOT23-6 In stock: 100713 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MIC2004-1.2YM5</b> Manufacturers: Micrel / Microchip Technology Description: IC DISTRIBUTION SW 1.2A SOT23-5 In stock: 139825 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MIC2005-0.5LYM5-TR</b> Manufacturers: Micrel / Microchip Technology Description: IC DISTRIBUTION SW 0.5A SOT23-5 In stock: 109181 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MIC2005-0.5YM6-TR</b> Manufacturers: Micrel / Microchip Technology Description: IC DISTRIBUTION SW 0.5A SOT23-6 In stock: 134705 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MIC2005-0.5YM6TX</b> Manufacturers: Micrel / Microchip Technology Description: IC DISTRIBUTION SW 0.5A SOT23-6 In stock: 119920 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MIC2005-0.5YML-TR</b> Manufacturers: Microchip Technology Description: IC DISTRIBUTION SW 0.5A 6-MLF In stock: 6021 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MIC2004-1.2YM5TX</b> Manufacturers: Micrel / Microchip Technology Description: IC DISTRIBUTION SW 1.2A SOT23-5 In stock: 140031 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MIC2004-1.2YM5-TR</b> Manufacturers: Micrel / Microchip Technology Description: IC DISTRIBUTION SW 1.2A SOT23-5 In stock: 140534 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MIC2004-1.2YML-TR</b> Manufacturers: Micrel / Microchip Technology Description: IC DISTRIBUTION SW 1.2A 6-MLF In stock: 89480 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MIC2005-0.5YML-TR</b> Manufacturers: Micrel / Microchip Technology Description: IC DISTRIBUTION SW 0.5A 6-MLF In stock: 213029 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MIC2005-0.8LYM5-TR</b> Manufacturers: Micrel / Microchip Technology Description: IC DISTRIBUTION SW 0.8A SOT23-5 In stock: 169769 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MIC2004-1.2YM5-TR</b> Manufacturers: Microchip Technology Description: IC DISTRIBUTION SW 1.2A SOT23-5 In stock: 6467 pcs</p> <p><a href="#">RFQ</a></p>