





Micrel / Microchip Technology


## MIC2505YM

Part Number:	MIC2505YM
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC SW HIGH SIDE SGL 2A 8SOIC
Datasheets:	 <a href="#">MIC2505YM.pdf</a>
RoHS Status:	 Lead free / RoHS Compliant
Stock Condition:	50479 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.











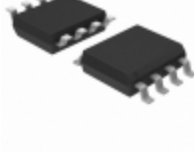
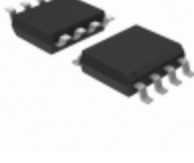
### Specifications of MIC2505YM

PART NUMBER	MIC2505YM
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC SW HIGH SIDE SGL 2A 8SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	50479 pcs
DATA SHEET	 <a href="#">MIC2505YM.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	Not Required
VOLTAGE - LOAD	2.7 V ~ 7.5 V
SWITCH TYPE	General Purpose
SUPPLIER DEVICE PACKAGE	8-SOIC
SERIES	-
RDS ON (TYP)	30 mOhm
RATIO - INPUT:OUTPUT	1:1
PACKAGING	Tube
PACKAGE / CASE	8-SOIC (0.154", 3.90mm Width)
OUTPUT TYPE	N-Channel
OUTPUT CONFIGURATION	High Side
OTHER NAMES	576-1083
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, Status Flag
FAULT PROTECTION	Current Limiting (Fixed), Open Load Detect, Over Temperature, UVLO
CURRENT - OUTPUT (MAX)	2A
BASE PART NUMBER	MIC2505

### Related Tags

Micrel / Microchip Technology MIC2505YM	MIC2505YM Distributor	MIC2505YM Supplier
MIC2505YM Price	MIC2505YM Pictures	MIC2505YM Image
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### Related Products

 <p><b>MIC2506BM</b> Manufacturers: Micrel / Microchip Technology Description: IC SW HIGH SIDE DUAL 1A 8SOIC In stock: 34256 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MIC2505-2YM</b> Manufacturers: Micrel / Microchip Technology Description: IC SW HIGH SIDE SGL 2A 8SOIC In stock: 51522 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MIC2505BM</b> Manufacturers: Micrel / Microchip Technology Description: IC SW HIGH SIDE SGL 2A 8SOIC In stock: 44529 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MIC2506YM</b> Manufacturers: Micrel / Microchip Technology Description: IC SW HIGH SIDE DUAL 1A 8SOIC In stock: 22718 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MIC2514BM5-TR</b> Manufacturers: Micrel / Microchip Technology Description: IC SW HIGH SIDE TTL INPT SOT23-5 In stock: 78689 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MIC2506BM-TR</b> Manufacturers: Micrel / Microchip Technology Description: IC SW DUAL 1A HIGH SIDE 8-SOIC In stock: 48290 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MIC2505-2BN</b> Manufacturers: Micrel / Microchip Technology Description: IC SW SGL 2A HIGH SIDE 8-DIP In stock: 38686 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MIC2505BN</b> Manufacturers: Micrel / Microchip Technology Description: IC SW SGL 2A HIGH SIDE 8-DIP In stock: 36485 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MIC2505BM-TR</b> Manufacturers: Micrel / Microchip Technology Description: IC SW SGL 2A HIGH SIDE 8-SOIC In stock: 65931 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MIC2505-2YM-TR</b> Manufacturers: Micrel / Microchip Technology Description: IC SW SGL 2A HIGH SIDE 8-SOIC In stock: 64296 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MIC2505YM-TR</b> Manufacturers: Micrel / Microchip Technology Description: IC SW SGL 2A HIGH SIDE 8-SOIC In stock: 67141 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MIC2506YM-TR</b> Manufacturers: Micrel / Microchip Technology Description: IC SW DUAL 1A HIGH SIDE 8-SOIC In stock: 22611 pcs</p> <p><a href="#">RFQ</a></p>