

MIC2505YM





Part Number: [MIC2505YM](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC SW HIGH SIDE SGL 2A 8SOIC

Data sheet:  [MIC2505, MIC2506](#)

RoHs Status: Lead free / RoHS Compliant

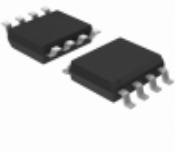
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Request For Quotation

PRODUCT PARAMETER			
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	59903 pcs	Data sheet	MIC2505, MIC2506
Category	Integrated Circuits (ICs)	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)
Manufacturer Standard Lead Time	6 Weeks	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
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RELATED PRODUCTS			
	Part#: MIC2505-2YM-TR Description: IC SW SGL 2A HIGH SIDE 8-SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MIC2505-2BM Description: IC SW HIGH SIDE SGL 2A 8SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC2514YM5-TR Description: IC SW HIGH SIDE TTL INPT SOT23-5	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC2536-1BM-TR Description: IC USB SWITCH DUAL 8-SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC2505-2YM Description: IC SW HIGH SIDE SGL 2A 8SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MIC2505-2BM-TR Description: IC SW SGL 2A HIGH SIDE 8-SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC2514BM5-TR Description: IC SW HIGH SIDE TTL INPT SOT23-5	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MIC2506YM Description: IC SW HIGH SIDE DUAL 1A 8SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC2505YM-TR Description: IC SW SGL 2A HIGH SIDE 8-SOIC	Manufacturers: Micrel / Microchip Technology	RFQ

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