

MIC2042-1YM





Part Number: [MIC2042-1YM](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC DISTRIBUTION SW SGL 8-SOIC

Data sheet:  [MIC2042/2043](#)

RoHs Status: Lead free / RoHS Compliant

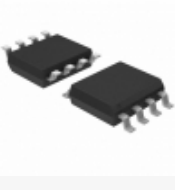
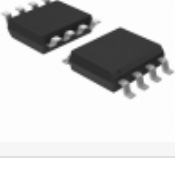
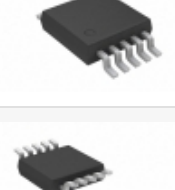
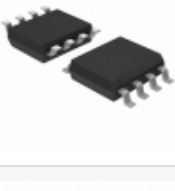
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Request For Quotation

PRODUCT PARAMETER			
Part Number	MIC2042-1YM	Manufacturer	Micrel / Microchip Technology
Description	IC DISTRIBUTION SW SGL 8-SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	74849 pcs	Data sheet	MIC2042/2043
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.6 V ~ 5.5 V
Voltage - Load	1.6 V ~ 5.5 V	Switch Type	General Purpose
Supplier Device Package	8-SOIC	Series	-
Rds On (Typ)	40 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	576-1695-5 MIC2042-1YM-ND MIC20421YM	Operating Temperature	-40°C ~ 85°C (TA)
Number of Outputs	1	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	8 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 (Adjustable), Open Load Detect, Over Temperature, UVLO
Current - Output (Max)	3A	Base Part Number	MIC2042
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RELATED PRODUCTS			
	Part#: MIC2041-2BMM Description: IC DISTRIBUTION SW SGL 10-MSOP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MIC2041-2BMM-TR Description: IC DISTRIBUTION SW SGL 10-MSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC2042-2BM-TR Description: IC DISTRIBUTION SW SGL 8-SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC2042-1BTS-TR Description: IC DISTRIBUTION SW SGL 14-TSSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC2042-2YTS Description: IC DISTRIBUTION SW SGL 14-TSSOP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MIC2041-2YMM Description: IC DISTRIBUTION SW SGL 10-MSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC2042-1BTS Description: IC DISTRIBUTION SW SGL 14-TSSOP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MIC2042-1BM-TR Description: IC DISTRIBUTION SW SGL 8-SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC2041-2YMM-TR Description: IC DISTRIBUTION SW SGL 10-MSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC2042-2BTS-TR Description: IC DISTRIBUTION SW SGL 14-TSSOP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MIC2042-2YM Description: IC DISTRIBUTION SW SGL 8-SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC2042-2BM Description: IC DISTRIBUTION SW SGL 8-SOIC	Manufacturers: Micrel / Microchip Technology	RFQ

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