

Image may be representation.
See specifications for product details.



MIC2877-5.25YFT-TR

Manufacturer Part Number	MIC2877-5.25YFT-TR
Manufacturer	Microchip Technology
Allelco Part Number	32D-MIC2877-5.25YFT-TR
ECAD Model	Request Free CAD Models
Parts Description	IC REG BOOST SYNCH 8FTQFN
Package	8-UQFN
Data sheet	MIC2877 Datasheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MIC2877-5.25YFT-TR - Microchip Technology. New Original in Stock. Download Linear Technology MIC2877-5.25YFT-TR datasheet/specifications on AllelcoElec.com. Request a quote for MIC2877-5.25YFT-TR, please send us email: info@allelco.com

Specifications

MIC2877-5.25YFT-TR Tech Specifications
MIC2877-5.25YFT-TR - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Package	Tape & Reel (TR)
Voltage - Output (Min/Fixed)	5.25V	Output Type	Fixed
Voltage - Output (Max)	-	Output Configuration	Positive
Voltage - Input (Min)	2.5V	Operating Temperature	-40°C ~ 85°C (TA)
Voltage - Input (Max)	5.5V	Number of Outputs	1
Topology	Boost	Mounting Type	Surface Mount
Synchronous Rectifier	Yes	Function	Step-Up
Supplier Device Package	8-FTQFN (2x2)	Frequency - Switching	2MHz
Series	-	Current - Output	-
Package / Case	8-UQFN	Base Product Number	MIC2877

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MIC2877-5.25YFT-TR

Product Attribute				
Part Number	MIC2877-5.25YFT-TR	MIC2876-AYMT-T5	MIC2876-AYMT-TR	MIC2877-5.5YFT-TR
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Voltage - Input (Max)	5.5V	5.5V	5.5V	5.5V
Current - Output	-	3.8A (Switch)	3.8A (Switch)	2A
Number of Outputs	1	1	1	1
Voltage - Input (Min)	2.5V	2.5V	2.5V	2.5V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Frequency - Switching	2MHz	2MHz	2MHz	2MHz
Output Configuration	Positive	Positive	Positive	Positive
Supplier Device Package	8-FTQFN (2x2)	8-TDFN (2x2)	8-TDFN (2x2)	8-FTQFN (2x2)
Output Type	Fixed	Adjustable	Adjustable	Fixed
Voltage - Output (Max)	-	5.5V	5.5V	-
Voltage - Output (Min/Fixed)	5.25V	2.5V	2.5V	5.5V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Function	Step-Up	Step-Up	Step-Up	Step-Up
Package / Case	8-UQFN	8-UFDNF Exposed Pad	8-UFDNF Exposed Pad	8-UQFN
Base Product Number	MIC2877	MIC2876	MIC2876	MIC2877
Topology	Boost	Boost	Boost	Boost
Series	-	-	-	-
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 85°C (TA)
Synchronous Rectifier	Yes	No	No	Yes

MIC2877-5.25YFT-TR Datasheet PDF

Download MIC2877-5.25YFT-TR pdf datasheets and Microchip Technology documentation for MIC2877-5.25YFT-TR - Microchip Technology.

Datasheets




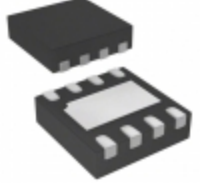
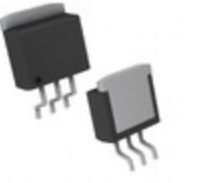






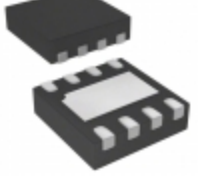




MIC2877 Datasheet.pdf

PCN Packaging

MBB/Label Chgs 16/Nov/2018.pdf

Customers Also Interested in

Recommended Products

				
MIC2860-2DYD6 Micrel / Microchip Technology	MIC2870YFT-TR Microchip Technology IC LED DRV RGLTR I2C 1.5A 16TQFN	MIC290150-12WU Micrel / Microchip Technology	MIC29032BU Micrel / Microchip Technology	MIC2876-AYMT-T5 Microchip Technology IC REG BOOST ADJ 3.8A 8TDFN
				
MIC2873YCS-TR Microchip Technology IC LED DRV RGLTR SGL WR 9WLCSP	MIC2860-2PYC6-TR Microchip Technology IC LED DRV LIN PWM 30.2MA SC70-6	MIC29150-12WU Microchip Technology IC REG LINEAR 12V 1.5A TO263-3	MIC29150-3.0WU Micrel / Microchip Technology	MIC2875-5.0YMT MIC
				
MIC2860-2PYC6 Micrel / Microchip Technology	MIC2876-AYMT-TR Microchip Technology IC REG BOOST ADJ 3.8A 8TDFN	MIC2877-5.5YFT-TR Microchip Technology IC REG BOOST SYNCH 8FTQFN	MIC2877-4.75YFT-TR Microchip Technology IC REG BOOST SYNCH 8FTQFN	MIC29150-12BT Microchip Technology IC REG LINEAR 12V 1.5A TO220-3
				
				MIC29150-12WT Microchip Technology IC REG LINEAR 12V 1.5A TO220-3

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

> Use your express account for shipment if you have one.

> Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.

> Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.

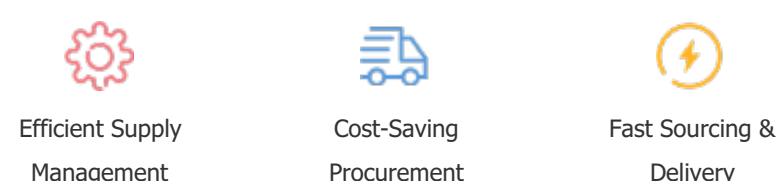
Contact us if you have any questions.

Payment Support

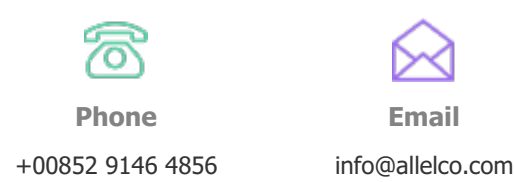
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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