





Micrel / Microchip Technology


## MIC2870YFT-T5

Part Number:	MIC2870YFT-T5
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC LED DRIVER RGLTR DIM 16TQFN
Datasheets:	 <a href="#">MIC2870YFT-T5.pdf</a>
RoHS Status:	 Lead free / RoHS Compliant
Stock Condition:	122690 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 MIC2870YFT-T5

PART NUMBER	MIC2870YFT-T5
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC LED DRIVER RGLTR DIM 16TQFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	122690 pcs
DATA SHEET	 <a href="#">MIC2870YFT-T5.pdf</a>
VOLTAGE - SUPPLY (MIN)	2.7V
VOLTAGE - SUPPLY (MAX)	5V
VOLTAGE - OUTPUT	5.2V
TYPE	DC DC Regulator
TOPOLOGY	Step-Up (Boost)
SUPPLIER DEVICE PACKAGE	16-TQFN (2x2)
SERIES	-
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	16-UFQFN Exposed Pad
OTHER NAMES	576-4422-2 MIC2870YFT T5 MIC2870YFT T5-ND
OPERATING TEMPERATURE	-40°C ~ 125°C (TJ)
NUMBER OF OUTPUTS	2
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
INTERNAL SWITCH(S)	Yes
FREQUENCY	2MHz
DIMMING	I <sup>2</sup> C
DETAILED DESCRIPTION	LED Driver IC 2 Output DC DC Regulator Step-Up (Boost) I <sup>2</sup> C Dimming 1.5A (Flash) 16-TQFN (2x2)
CURRENT - OUTPUT / CHANNEL	1.5A (Flash)
BASE PART NUMBER	MIC2870
APPLICATIONS	Camera Flash

### Related Tags

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### Related Products

 <p><b>MIC2860-2PYC6-TR</b> Manufacturers: Micrel / Microchip Technology Description: IC LED DRIVER LINEAR DIM SC70-6 In stock: 375229 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MIC2873YCS-TR</b> Manufacturers: Microchip Technology Description: IC LED DRIVER RGLTR DIM 9WLCSP In stock: 5695 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MIC2874YCS-T5</b> Manufacturers: Micrel / Microchip Technology Description: IC LED DRIVER In stock: 193418 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MIC2860-2PYD6-TR</b> Manufacturers: Microchip Technology Description: IC LED DRIVER LIN DIM TSOT23-6 In stock: 4531 pcs</p> <p><a href="#">RFQ</a></p>
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 <p><b>MIC2860-2PYD6-TR</b> Manufacturers: Micrel / Microchip Technology Description: IC LED DRIVER LIN DIM TSOT23-6 In stock: 310399 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MIC2860-2PYC6-TR</b> Manufacturers: Microchip Technology Description: IC LED DRIVER LINEAR DIM SC70-6 In stock: 6732 pcs</p> <p><a href="#">RFQ</a></p>