

## MIC3231YML-TR



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**Part Number:** [MIC3231YML-TR](#)  
**Manufacturer:** [Micrel / Microchip Technology](#)  
**Description:** IC LED DRIVER CTRLR DIM 12MLF  
**Data sheet:** [PDF MIC3230-32](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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### PRODUCT PARAMETER

<b>Part Number</b>	MIC3231YML-TR	<b>Manufacturer</b>	<a href="#">Micrel / Microchip Technology</a>
<b>Description</b>	IC LED DRIVER CTRLR DIM 12MLF	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	68892 pcs	<b>Data sheet</b>	<a href="#">MIC3230-32</a>
<b>Category</b>	<a href="#">Integrated Circuits (ICs)</a>	<b>Voltage - Supply (Min)</b>	6V
<b>Voltage - Supply (Max)</b>	45V	<b>Voltage - Output</b>	-
<b>Type</b>	DC DC Controller	<b>Topology</b>	Step-Up (Boost)
<b>Supplier Device Package</b>	12-MLF™ (4x4)	<b>Series</b>	-
<b>Packaging</b>	Tape & Reel (TR)	<b>Package / Case</b>	12-VDFDN Exposed Pad, 12-MLF®
<b>Other Names</b>	576-3403-2 MIC3231YML TR MIC3231YMLTR	<b>Operating Temperature</b>	-40°C ~ 125°C (TJ)
<b>Number of Outputs</b>	1	<b>Mounting Type</b>	Surface Mount
<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)	<b>Manufacturer Standard Lead Time</b>	6 Weeks
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant	<b>Internal Switch(s)</b>	No
<b>Frequency</b>	100kHz ~ 1MHz	<b>Dimming</b>	PWM
<b>Detailed Description</b>	LED Driver IC 1 Output DC DC Controller Step-Up (Boost) PWM Dimming 12-MLF™ (4x4)	<b>Current - Output / Channel</b>	-
<b>Base Part Number</b>	MIC3231	<b>Applications</b>	Lighting

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### RELATED PRODUCTS

	<b>Part#:</b> <a href="#">MIC3205YML-T5</a> <b>Description:</b> IC LED DRIVER CTRLR DIM 10MLF	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MIC3230YTSE</a> <b>Description:</b> IC LED DRIVER CTRLR DIM 16TSSOP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MIC3203YM</a> <b>Description:</b> IC LED DRIVER CTRLR DIM 8SOIC	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MIC3287-24YD6 EV</a> <b>Description:</b> EVAL BOARD FOR MIC3287	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MIC3263YML-TR</a> <b>Description:</b> IC LED DRVR RGLTR DIM 30MA 24MLF	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MIC3232YMM</a> <b>Description:</b> IC LED DRIVER CTRLR DIM 10MSOP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MIC3231YTSE</a> <b>Description:</b> IC LED DRIVER CTRLR DIM 16TSSOP	<b>Manufacturers:</b> <a href="#">Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MIC3230YML-TR</a> <b>Description:</b> IC LED DRIVER CTRLR DIM 12MLF	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MIC3230YTSE-TR</a> <b>Description:</b> IC LED DRIVER CTRLR DIM 16TSSOP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MIC3231YTSE-TR</a> <b>Description:</b> IC LED DRIVER CTRLR DIM 16TSSOP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MIC3223YTSE-TR</a> <b>Description:</b> IC LED DRIVER RGLTR DIM 16TSSOP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MIC3287-24YML-TR</a> <b>Description:</b> IC LED DRVR RGLTR DIM 350MA 8MLF	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MIC3232YMM-TR</a> <b>Description:</b> IC LED DRIVER CTRLR DIM 10MSOP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MIC3205YML-TR</a> <b>Description:</b> IC LED DRIVER CTRLR DIM 10MLF	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MIC3287-24YML-EV</a> <b>Description:</b> BOARD EVAL FOR MIC3287-24YML	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MIC3230ML-BOOST-EV</a> <b>Description:</b> EVALUATION BOARD	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MIC3287YD5-TR</a> <b>Description:</b> IC LED DRIVER RGLTR DIM TSOT23-5	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MIC3287-24YD6-TR</a> <b>Description:</b> IC LED DRIVER RGLTR DIM TSOT23-6	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MIC3203YM-TR</a> <b>Description:</b> IC LED DRIVER CTRLR DIM 8SOIC	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MIC3223YTSE</a> <b>Description:</b> IC LED DRIVER RGLTR DIM 16TSSOP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>

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