



Image may be representation.  
See specifications for product details.

### SY89856UMG-TR

Part Number: **SY89856UMG-TR**  
 Product Description: IC CLK BUFFER 2:6 3GHZ 32MLF  
 RoHs Status: Lead free / RoHS Compliant  
 Datasheets: [SY89856UMG-TR.pdf](#)

Manufacturer/Brand: Micrel / Microchip Technology  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

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#### Product details

<b>Part Number</b>	SY89856UMG-TR	<b>Manufacturer</b>	Micrel / Microchip Technology
<b>Description</b>	IC CLK BUFFER 2:6 3GHZ 32MLF	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Data sheet</b>	SY89856UMG-TR.pdf		
<b>Voltage - Supply</b>	2.375 V ~ 3.6 V	<b>Type</b>	Fanout Buffer (Distribution), Multiplexer
<b>Supplier Device Package</b>	32-MLF® (5x5)	<b>Series</b>	Precision Edge®
<b>Ratio - Input:Output</b>	2:6	<b>Packaging</b>	Tape & Reel (TR)
<b>Package / Case</b>	32-VFQFN Exposed Pad, 32-MLF®	<b>Output</b>	LVPECL
<b>Other Names</b>	SY89856UMG TR SY89856UMG TR-ND SY89856UMGTR SY89856UMGTR-ND	<b>Operating Temperature</b>	-40°C ~ 85°C
<b>Number of Circuits</b>	1	<b>Mounting Type</b>	Surface Mount
<b>Moisture Sensitivity Level (MSL)</b>	3 (168 Hours)	<b>Manufacturer Standard Lead Time</b>	6 Weeks
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant	<b>Input</b>	CML, LVDS, PECL
<b>Frequency - Max</b>	3GHz	<b>Differential - Input:Output</b>	Yes/Yes
<b>Detailed Description</b>	Clock Fanout Buffer (Distribution), Multiplexer IC 2:6 3GHz 32-VFQFN Exposed Pad, 32-MLF®	<b>Base Part Number</b>	SY89856

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