



Image may be representation.  
See specifications for product details.

### ZL40255LDG1

Part Number: **ZL40255LDG1**  
 Product Description: IC CLK BUFF MUX 4:3 32QFN  
 RoHs Status: Lead free / RoHS Compliant  
 Datasheets: [ZL40255LDG1.pdf](#)

Manufacturer/Brand: Microsemi  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

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#### Product details

<b>Part Number</b>	ZL40255LDG1	<b>Manufacturer</b>	Microsemi
<b>Description</b>	IC CLK BUFF MUX 4:3 32QFN	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Data sheet</b>	<a href="#">ZL40255LDG1.pdf</a>		
<b>Voltage - Supply</b>	1.71 V ~ 3.465 V	<b>Type</b>	Fanout Buffer (Distribution), Divider, Multiplexer
<b>Supplier Device Package</b>	32-QFN (5x5)	<b>Series</b>	SmartBuffer™
<b>Ratio - Input:Output</b>	4:3	<b>Packaging</b>	Tray
<b>Package / Case</b>	32-VFQFN Exposed Pad	<b>Output</b>	CML, CMOS, HCSL, HSTL, LVDS, LVPECL, SSTL
<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>	10 Weeks	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Input</b>	CMOS, Crystal	<b>Frequency - Max</b>	1.035GHz
<b>Differential - Input:Output</b>	Yes/Yes	<b>Detailed Description</b>	Clock Fanout Buffer (Distribution), Divider, Multiplexer IC 4:3 1.035GHz 32-VFQFN Exposed Pad

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