



### 83940DY-01LFT

Part Number: **83940DY-01LFT**  
 Product Description: IC CLK BUFFER 2:18 250MHZ 32TQFP  
 RoHs Status: Lead free / RoHS Compliant  
 Datasheets: [83940DY-01LFT.pdf](#)

Manufacturer/Brand: IDT (Integrated Device Technology)  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

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Image may be representation.  
 See specifications for product details.

#### Product details

<b>Part Number</b>	83940DY-01LFT	<b>Manufacturer</b>	IDT (Integrated Device Technology)
<b>Description</b>	IC CLK BUFFER 2:18 250MHZ 32TQFP	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Data sheet</b>	83940DY-01LFT.pdf		
<b>Voltage - Supply</b>	2.375 V ~ 3.465 V	<b>Type</b>	Fanout Buffer (Distribution), Multiplexer
<b>Supplier Device Package</b>	32-TQFP (7x7)	<b>Series</b>	-
<b>Ratio - Input:Output</b>	2:18	<b>Packaging</b>	Tape & Reel (TR)
<b>Package / Case</b>	32-LQFP	<b>Output</b>	LVC MOS, LV TTL
<b>Other Names</b>	800-2586-2 ICS83940DY-01LFT ICS83940DY-01LFT-ND ICS83940DY01LFT	<b>Operating Temperature</b>	0°C ~ 70°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>	12 Weeks
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant	<b>Input</b>	CML, LVC MOS, LVPECL, LV TTL, SSTL
<b>Frequency - Max</b>	250MHz	<b>Differential - Input:Output</b>	Yes/No
<b>Detailed Description</b>	Clock Fanout Buffer (Distribution), Multiplexer IC 2:18 250MHz 32-LQFP	<b>Base Part Number</b>	ICS83940-01

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