



### 83940AYI-02LFT

Part Number: **83940AYI-02LFT**  
 Product Description: IC CLK BUFFER 2:18 200MHZ 32TQFP  
 RoHs Status: Lead free / RoHS Compliant  
 Datasheets:

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>	83940AYI-02LFT	<b>Manufacturer</b>	IDT (Integrated Device Technology)
<b>Description</b>	IC CLK BUFFER 2:18 200MHZ 32TQFP	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Data sheet</b>			
<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>	LVCOS, LVTTTL
<b>Other Names</b>	ICS83940AYI-02LFT ICS83940AYI-02LFT-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>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Input</b>	HCSSL, LVCOS, LVDS, LVHSTL, LVPECL, LVTTTL, SSTL	<b>Frequency - Max</b>	200MHz
<b>Differential - Input:Output</b>	Yes/No	<b>Detailed Description</b>	Clock Fanout Buffer (Distribution), Multiplexer IC 2:18 200MHz 32-LQFP
<b>Base Part Number</b>	ICS83940-02		

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<p><b>83940DKILF</b>                  Manufacturers: IDT (Integrated Device Technology)                  Description: IC CLK BUF 2:18 250MHZ 32VFQFPN                  Download: <a href="#">83940DKILF.pdf</a>  <a href="#">RFQ</a></p>	<p><b>83940DY-01LFT</b>                  Manufacturers: IDT (Integrated Device Technology)                  Description: IC CLK BUFFER 2:18 250MHZ 32TQFP                  Download: <a href="#">83940DY-01LFT.pdf</a>  <a href="#">RFQ</a></p>
<p><b>83940BYLF</b>                  Manufacturers: IDT (Integrated Device Technology)                  Description: IC CLK BUFFER 2:18 250MHZ 32TQFP                  Download: <a href="#">83940BYLF.pdf</a>  <a href="#">RFQ</a></p>	<p><b>83940AYI-02LF</b>                  Manufacturers: IDT (Integrated Device Technology)                  Description: IC CLK BUFFER 2:18 200MHZ 32TQFP  <a href="#">RFQ</a></p>
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<p><b>83940DY-01LF</b>                  Manufacturers: IDT (Integrated Device Technology)                  Description: IC CLK BUFFER 2:18 250MHZ 32TQFP                  Download: <a href="#">83940DY-01LF.pdf</a>  <a href="#">RFQ</a></p>	<p><b>8394</b>                  Manufacturers: ebm-papst Inc.                  Description: FAN AXIAL 80X32MM 24VDC TERM                  Download: <a href="#">8394.pdf</a>  <a href="#">RFQ</a></p>

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