

PI5A3157ZAEX

	<p>Part Number: PI5A3157ZAEX</p> <p>Manufacturer: Diodes Incorporated</p> <p>Description: IC SWITCH SPDT 6TDFN</p> <p>Data sheet:  PI5A3157</p>	<p>RoHS Status: Lead free / RoHS Compliant</p> <p>Ship From: Hong Kong</p> <p>Shipment Way: DHL/Fedex/TNT/UPS/EMS</p>
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PRODUCT PARAMETER			
Part Number	PI5A3157ZAEX	Manufacturer	Diodes Incorporated
Description	IC SWITCH SPDT 6TDFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5780 pcs	Data sheet	PI5A3157
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	1.65 V ~ 5.5 V
Voltage - Supply, Dual (V±)	-	Switch Time (Ton, Toff) (Max)	5.2ns, 3.5ns
Switch Circuit	SPDT	Supplier Device Package	6-TDFN (1.0x1.5)
Series	-	Packaging	Tape & Reel (TR)
Package / Case	6-WFDFN	Other Names	PI5A3157ZAEXTR
Operating Temperature	-40°C ~ 85°C (TA)	On-State Resistance (Max)	13 Ohm
Number of Circuits	1	Multiplexer/Demultiplexer Circuit	2:1
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	1 Circuit IC Switch 2:1 13 Ohm 6-TDFN (1.0x1.5)	Current - Leakage (IS(off)) (Max)	100nA
Crosstalk	-54dB @ 10MHz	Charge Injection	7pC
Channel-to-Channel Matching (ΔRon)	150 mOhm	Channel Capacitance (CS(off), CD(off))	2.3pF
Base Part Number	PI5A3157	-3db Bandwidth	250MHz

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RFQ Email: info@Components-World.com

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	Part#: PI5A3166TAEX Description: IC SWITCH SPST 0.8 OHM SOT23-5	Manufacturers: Diodes Incorporated	RFQ
	Part#: PI5A3158ZAEX Description: IC SWITCH DUAL SPDT 12TDFN	Manufacturers: Diodes Incorporated	RFQ
	Part#: PI5A3158BZAEX Description: IC SWITCH DUAL SPDT 12TDFN	Manufacturers: Diodes Incorporated	RFQ
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