

PI5A4158ZAEX



Part Number: [PI5A4158ZAEX](#)

Manufacturer: [Diodes Incorporated](#)

Description: IC SWITCH DUAL SPDT 12TDFN

Data sheet:  [PI5A4158](#)

RoHs Status: Lead free / RoHS Compliant

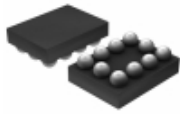
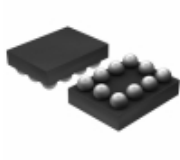
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Request For Quotation

PRODUCT PARAMETER			
Part Number	PI5A4158ZAEX	Manufacturer	Diodes Incorporated
Description	IC SWITCH DUAL SPDT 12TDFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	418810 pcs	Data sheet	PI5A4158
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	1.65 V ~ 5.5 V
Voltage - Supply, Dual (V±)	-	Switch Time (Ton, Toff) (Max)	18ns, 20ns
Switch Circuit	SPDT	Supplier Device Package	12-TDFN (3x1)
Series	-	Packaging	Tape & Reel (TR)
Package / Case	12-WDFDN	Operating Temperature	-40°C ~ 85°C (TA)
On-State Resistance (Max)	1.2 Ohm	Number of Circuits	2
Multiplexer/Demultiplexer Circuit	2:1	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	6 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	2 Circuit IC Switch 2:1 1.2 Ohm 12-TDFN (3x1)	Current - Leakage (IS(off)) (Max)	20nA
Crosstalk	-70dB @ 1MHz	Charge Injection	35pC
Channel-to-Channel Matching (ΔRon)	10 mOhm	Channel Capacitance (CS(off), CD(off))	3.5pF
Base Part Number	PI5A4158	-3db Bandwidth	150MHz
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RELATED PRODUCTS			
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	Part#: PI5A4157ZUEX Description: IC SWITCH SPDT 0.8 OHM 6-UDFN	Manufacturers: Diodes Incorporated	RFQ
	Part#: PI5A392AQEX Description: IC SWITCH QUAD SPST 16QSOP	Manufacturers: Diodes Incorporated	RFQ
	Part#: PI5A4594ACEX Description: IC ANALOG SWITCH SPST NO SC70-5	Manufacturers: Diodes Incorporated	RFQ
	Part#: PI5A4213GAEX Description: IC SWITCH DUAL SP3T 12CSP	Manufacturers: Diodes Incorporated	RFQ
	Part#: PI5A4157TAEX Description: IC SWITCH SPDT 0.8 OHM 6-SOT23	Manufacturers: Diodes Incorporated	RFQ
	Part#: PI5A4624TEX Description: IC SWITCH SPDT SOT23-6	Manufacturers: Diodes Incorporated	RFQ
	Part#: PI5A392AQE Description: IC SWITCH QUAD SPST 16QSOP	Manufacturers: Diodes Incorporated	RFQ
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	Part#: PI5A4599ACEX Description: IC ANALOG SWITCH SPDT SC70-6	Manufacturers: Diodes Incorporated	RFQ
	Part#: PI5A4626TEX Description: IC SWITCH SPST SOT23-5	Manufacturers: Diodes Incorporated	RFQ
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	Part#: PI5A319AW Description: IC SWITCH SPDT 8SOIC	Manufacturers: Diodes Incorporated	RFQ
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	Part#: PI5A4596ACEX Description: IC ANALOG SWITCH SPST NO SC70-5	Manufacturers: Diodes Incorporated	RFQ
	Part#: PI5A4684GAEX Description: IC SWITCH DUAL SPDT 10CSP	Manufacturers: Diodes Incorporated	RFQ
	Part#: PI5A393AP Description: IC SWITCH QUAD SPST 16DIP	Manufacturers: Diodes Incorporated	RFQ

Related keywords for PI5A4158ZAEX

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