

Diodes Incorporated





Image may be representation. See specifications for product details.

PI5A4158ZAEX

Part Number:	PI5A4158ZAEX
Manufacturer/Brand:	Diodes Incorporated
Product description	IC SWITCH DUAL SPDT 12TDFN
Datasheets:	 PI5A4158ZAEX.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	639484 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION



Specifications of PI5A4158ZAEX

PART NUMBER	PI5A4158ZAEX
MANUFACTURER	Diodes Incorporated
DESCRIPTION	IC SWITCH DUAL SPDT 12TDFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	639484 pcs
DATA SHEET	 PI5A4158ZAEX.pdf
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-WFDFN
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)
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
CROSTALK	-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

Related Tags

Diodes Incorporated PI5A4158ZAEX	PI5A4158ZAEX Distributor	PI5A4158ZAEX Supplier
PI5A4158ZAEX Price	PI5A4158ZAEX Pictures	PI5A4158ZAEX Image
PI5A4158ZAEX PDF Datasheet	PI5A4158ZAEX Download Datasheet	PI5A4158ZAEX Datasheet
PI5A4158ZAEX Stock	Buy PI5A4158ZAEX	Buy Diodes Incorporated PI5A4158ZAEX
Diodes Incorporated PI5A4158ZAEX	Diodes Incorporated Supplier	Diodes Incorporated Distributor
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Zetex Semiconductors (Diodes Incorporated) PI5A4158ZAEX		

Related Products

<div><div>PI5A4157TAEX Manufacturers: Diodes Incorporated Description: IC SWITCH SPDT 0.8 OHM 6-SOT23 In stock: 778167 pcs</div><div>RFQ</div></div>	<div><div>PI5A4596ACEX Manufacturers: Diodes Incorporated Description: IC ANALOG SWITCH SPST NO SC70-5 In stock: 3434 pcs</div><div>RFQ</div></div>
<div><div>PI5A4599ACEX Manufacturers: Diodes Incorporated Description: IC ANALOG SWITCH SPDT SC70-6 In stock: 6330 pcs</div><div>RFQ</div></div>	<div><div>PI5A4213GAEX Manufacturers: Diodes Incorporated Description: IC SWITCH DUAL SP3T 12CSP In stock: 4439 pcs</div><div>RFQ</div></div>
<div><div>PI5A4599BCEX Manufacturers: Diodes Incorporated Description: IC ANALOG SWITCH SPDT SC70-6 In stock: 541274 pcs</div><div>RFQ</div></div>	<div><div>PI5A393AW Manufacturers: Diodes Incorporated Description: IC SWITCH QUAD SPST 16SOIC In stock: 4143 pcs</div><div>RFQ</div></div>
<div><div>PI5A393AP Manufacturers: Diodes Incorporated Description: IC SWITCH QUAD SPST 16DIP In stock: 6979 pcs</div><div>RFQ</div></div>	<div><div>PI5A4157CEX Manufacturers: Diodes Incorporated Description: IC SWITCH SINGLE SPDT SC70-6 In stock: 796712 pcs</div><div>RFQ</div></div>
<div><div>PI5A4599ATEX Manufacturers: Diodes Incorporated Description: IC SWITCH SPDT SOT23-6 In stock: 5117 pcs</div><div>RFQ</div></div>	<div><div>PI5A4157CEX-1516 Manufacturers: Diodes Incorporated Description: IC SWITCH SPDT 0.8 OHM 6-SOT363 In stock: 776788 pcs</div><div>RFQ</div></div>
<div><div>PI5A4157ZUEX Manufacturers: Diodes Incorporated Description: IC SWITCH SPDT 0.8 OHM 6-UDFN In stock: 502774 pcs</div><div>RFQ</div></div>	<div><div>PI5A4594ACEX Manufacturers: Diodes Incorporated Description: IC ANALOG SWITCH SPST NO SC70-5 In stock: 3571 pcs</div><div>RFQ</div></div>