



### PE42850B-X

Part Number: **PE42850B-X**  
 Product Description: HIGH PWR REFLECTIVE 50RF SWITCH  
 RoHs Status: Lead free / RoHS Compliant  
 Datasheets: [PE42850B-X.pdf](#)

Manufacturer/Brand: Peregrine Semiconductor  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

[SUBMIT RFQ](#)

Image may be representation.  
 See specifications for product details.

#### Product details

<b>Part Number</b>	PE42850B-X	<b>Manufacturer</b>	Peregrine Semiconductor
<b>Description</b>	HIGH PWR REFLECTIVE 50RF SWITCH	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Data sheet</b>	PE42850B-X.pdf		
<b>Voltage - Supply</b>	2.3 V ~ 5.5 V	<b>Topology</b>	-
<b>Test Frequency</b>	1GHz	<b>Supplier Device Package</b>	32-QFN (5x5)
<b>Series</b>	UltraCMOS®, HaRP™	<b>RF Type</b>	-
<b>Packaging</b>	Original-Reel®	<b>Package / Case</b>	32-VFQFN Exposed Pad
<b>P1dB</b>	-	<b>Other Names</b>	1046-1168-6
<b>Operating Temperature</b>	-40°C ~ 85°C	<b>Moisture Sensitivity Level (MSL)</b>	3 (168 Hours)
<b>Manufacturer Standard Lead Time</b>	16 Weeks	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Isolation</b>	30dB (min)	<b>Insertion Loss</b>	0.8dB
<b>Impedance</b>	50 Ohm	<b>IIP3</b>	42dBm
<b>Frequency Range</b>	30MHz ~ 1GHz	<b>Features</b>	-
<b>Detailed Description</b>	RF Switch IC SP5T 1GHz 50 Ohm 32-QFN (5x5)	<b>Circuit</b>	SP5T

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<p><b>PE4312C-Z</b>                  Manufacturers: Peregrine Semiconductor                  Description: RF ATTENUATOR 31.5DB 50OHM 20QFN                  Download: <a href="#">PE4312C-Z.pdf</a>  <a href="#">RFQ</a></p>	<p><b>PE4280MLIAA-Z</b>                  Manufacturers: Peregrine Semiconductor                  Description: IC RF SWITCH SPDT 75OHM 20-QFN                  Download: <a href="#">PE4280MLIAA-Z.pdf</a>  <a href="#">RFQ</a></p>
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<p><b>PE42742MLIBB-Z</b>                  Manufacturers: Peregrine Semiconductor                  Description: IC RF SWITCH SPDT 75OHM 20-QFN                  Download: <a href="#">PE42742MLIBB-Z.pdf</a>  <a href="#">RFQ</a></p>	<p><b>PE4314B-Z</b>                  Manufacturers: Peregrine Semiconductor                  Description: RF ATTENUATOR 31.5DB 75OHM 20QFN                  Download: <a href="#">PE4314B-Z.pdf</a>  <a href="#">RFQ</a></p>
<p><b>PE42750MLAA-Z</b>                  Manufacturers: Peregrine Semiconductor                  Description: IC RF SWITCH SPDT 75 OHM 12QFN                  Download: <a href="#">PE42750MLAA-Z.pdf</a>  <a href="#">RFQ</a></p>	<p><b>PE42851MLBA-X</b>                  Manufacturers: Peregrine Semiconductor                  Description: IC RF SWITCH SPDT 50 OHM 32-QFN                  Download: <a href="#">PE42851MLBA-X.pdf</a>  <a href="#">RFQ</a></p>
<p><b>PE42820MLBA-X</b>                  Manufacturers: Peregrine Semiconductor                  Description: IC RF SWITCH SPDT 50 OHM 32QFN                  Download: <a href="#">PE42820MLBA-X.pdf</a>  <a href="#">RFQ</a></p>	<p><b>PE42822A-Z</b>                  Manufacturers: Peregrine Semiconductor                  Description: IC RF SWITCH SPDT                  Download: <a href="#">PE42822A-Z.pdf</a>  <a href="#">RFQ</a></p>

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