

PESD5V0X1BCL,315



Part Number: [PESD5V0X1BCL,315](#)

Manufacturer [Nexperia](#)

Description TVS DIODE 5.5V 18V DFN1006-2

Data sheet:  [PESD5V0X1BCL](#)

RoHs Status: Lead free / RoHS Compliant

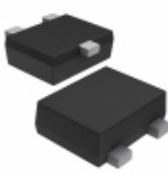
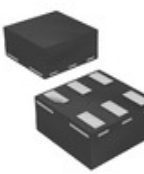
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PRODUCT PARAMETER			
Part Number	PESD5V0X1BCL,315	Manufacturer	Nexperia
Description	TVS DIODE 5.5V 18V DFN1006-2	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	503967 pcs	Data sheet	PESD5V0X1BCL
Category	Circuit Protection	Voltage - Reverse Standoff (Typ)	5.5V (Max)
Voltage - Clamping (Max) @ 1pp	18V	Voltage - Breakdown (Min)	8.1V
Type	Zener	Supplier Device Package	DFN1006-2
Series	Automotive, AEC-Q101	Power Line Protection	No
Power - Peak Pulse	-	Packaging	Tape & Reel (TR)
Package / Case	SOD-882	Other Names	1727-1323-2 568-10750-2 568-10750-2-ND 934066309315 PESD5V0X1BCL,315-ND
Operating Temperature	-65°C ~ 150°C (TA)	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	8 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Current - Peak Pulse (10/1000µs)	1.7A (8/20µs)
Capacitance @ Frequency	0.49pF @ 1MHz	Bidirectional Channels	1
Applications	Automotive		
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RELATED PRODUCTS			
	Part#: PESD5V0V1USF,315 Description: TVS DIODE 5V DSN0603-2	Manufacturers: Nexperia	RFQ
	Part#: PESD5V0X1BCSFYL Description: TVS DIODE 5V 5.5V DSN0603-2	Manufacturers: Nexperia	RFQ
	Part#: PESD5V0V2BMBYL Description: TVS DIODE 5V 12.5V DFN1006B-3	Manufacturers: Nexperia	RFQ
	Part#: PESD5V0X1BT,215 Description: TVS DIODE 5V SOT23	Manufacturers: Nexperia	RFQ
	Part#: PESD5V0X2UAMBYL Description: TVS DIODE 5V 14V DFN1006-3	Manufacturers: Nexperia	RFQ
	Part#: PESD5V0V4UW,115 Description: TVS DIODE 5V 13V SOT665	Manufacturers: Nexperia	RFQ
	Part#: PESD5V0V4UF,115 Description: TVS DIODE 5V 13V 6XSON SOT886	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: PESD5V0X1UAB,115 Description: TVS DIODE 5V 9V SOD523	Manufacturers: Nexperia	RFQ
	Part#: PESD5V0X2UAMYL Description: TVS DIODE 5V 14V DFN1006-3	Manufacturers: Nexperia	RFQ
	Part#: PESD5V0X1ULD,315 Description: TVS DIODE 5VWM 8VC SOD882	Manufacturers: Nexperia USA Inc.	RFQ
	Part#: PESD5V0X1BCAL,315 Description: TVS DIODE 5.5V 17V DFN1006-2	Manufacturers: Nexperia	RFQ
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	Part#: PESD5V0X1BQ,115 Description: TVS DIODE 5V SOT663	Manufacturers: Nexperia	RFQ
	Part#: PESD5V0V4UK,132 Description: TVS DIODE 5V 10V 6XSON SOT891	Manufacturers: Nexperia	RFQ
	Part#: PESD5V0V4UG,115 Description: TVS DIODE 5V 13V SOT353	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: PESD5V0X1UB,135 Description: TVS DIODE 5V 8V SOD523	Manufacturers: Nexperia	RFQ
	Part#: PESD5V0X1BL,315 Description: TVS DIODE 5V DFN1006-2	Manufacturers: Nexperia	RFQ
	Part#: PESD5V0V2BMYL Description: TVS DIODE 5V 12.5V DFN1006-3	Manufacturers: Nexperia	RFQ
	Part#: PESD5V0V1BLD,315 Description: TVS DIODE 5V 12.5V 2DFN1006D	Manufacturers: Nexperia	RFQ
	Part#: PESD5V0X1UALD,315 Description: TVS DIODE 5VWM 9VC SOD882	Manufacturers: Nexperia USA Inc.	RFQ

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