

# **DLLFSD01LPH4-7B**

## **DLLFSD01LPH4-7B Information**

Part Number DLLFSD01LPH4-7B
Manufacturer Diodes Incorporated

Category Discrete Semiconductor Products
Diodes - Rectifiers - Single

**Description** DIODE FS SW 80V 100MA X2DFN10062

Package 2-XFDFN

For the pricing/inventory/lead time, please contact

us

For Reference Only

Website: https://www.heisener.com
E-mail: salesdept@heisener.com



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# **Certified Quality**

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## **DLLFSD01LPH4-7B Specifications**

Manufacturer Part Number  Manufacturer  Diodes Incorporated  Discrete Semiconductor Products  Diodes - Rectifiers - Single  Package  2-XFDFN  Series  - Diode Type  Standard  Voltage - DC Reverse (Vr) (Max)  Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  Speed  Reverse Recovery Time (trr)  Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  Mounting Type  Surface Mount  Package / Case  Supplier Device Package  Operating Temperature - Junction  Diodes Incorporated  Diodes - Rectifiers - Single  2-XFDFN		
Category  Discrete Semiconductor Products  Diodes - Rectifiers - Single  2-XFDFN  Series  - Diode Type  Standard  Voltage - DC Reverse (Vr) (Max)  Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  Speed  Reverse Recovery Time (trr)  4ns  Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  Mounting Type  Surface Mount  Package / Case  Supplier Device Package  Operating Temperature - Junction  Diodes - Rectifiers - Single  2-XFDFN  Diodes - Rectifiers - Single  2-XFDFN  Standard  100mA  100mA  100mA  1.2V @ 100mA  80V  200mA (Io), Any Speed  4ns  2.5pF @ 0V, 1MHz  Surface Mount  2-XFDFN  Supplier Device Package  Operating Temperature - Junction	Manufacturer Part Number	DLLFSD01LPH4-7B
Diodes - Rectifiers - Single  2-XFDFN  Series - Diode Type Standard  Voltage - DC Reverse (Vr) (Max) Current - Average Rectified (Io) 100mA  Voltage - Forward (Vf) (Max) @ If 1.2V @ 100mA  Speed Small Signal =< 200mA (Io), Any Speed  Reverse Recovery Time (trr) 4ns Current - Reverse Leakage @ Vr 200nA @ 80V  Capacitance @ Vr, F 2.5pF @ 0V, 1MHz  Mounting Type Surface Mount Package / Case Supplier Device Package Operating Temperature - Junction  Diodes - Rectifiers - Single 2-XFDFN  Standard  2-XFDFN  Supplier Device Package Operating Temperature - Junction  -65°C ~ 150°C	Manufacturer	Diodes Incorporated
Package 2-XFDFN  Series - Diode Type Standard  Voltage - DC Reverse (Vr) (Max) 80V  Current - Average Rectified (Io) 100mA  Voltage - Forward (Vf) (Max) @ If 1.2V @ 100mA  Speed Small Signal =< 200mA (Io), Any Speed  Reverse Recovery Time (trr) 4ns  Current - Reverse Leakage @ Vr 200nA @ 80V  Capacitance @ Vr, F 2.5pF @ 0V, 1MHz  Mounting Type Surface Mount  Package / Case 2-XFDFN  Supplier Device Package Operating Temperature - Junction -65°C ~ 150°C	Category	Discrete Semiconductor Products
Series - Diode Type Standard  Voltage - DC Reverse (Vr) (Max) 80V  Current - Average Rectified (Io) 100mA  Voltage - Forward (Vf) (Max) @ If 1.2V @ 100mA  Speed Small Signal =< 200mA (Io), Any Speed  Reverse Recovery Time (trr) 4ns  Current - Reverse Leakage @ Vr 200nA @ 80V  Capacitance @ Vr, F 2.5pF @ 0V, 1MHz  Mounting Type Surface Mount  Package / Case 2-XFDFN  Supplier Device Package X2-DFN1006-2  Operating Temperature - Junction -65°C ~ 150°C		Diodes - Rectifiers - Single
Diode Type  Voltage - DC Reverse (Vr) (Max)  80V  Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  Speed  Small Signal =< 200mA (Io), Any Speed  Reverse Recovery Time (trr)  4ns  Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  2.5pF @ 0V, 1MHz  Mounting Type  Surface Mount  Package / Case  2-XFDFN  Supplier Device Package  Operating Temperature - Junction  Standard  80V  1.2V @ 100mA  1.2V @ 100mA  1.2V @ 100mA  2.5pF @ 0V, Any Speed  4ns  2.5pF @ 0V, 1MHz  2.5pF @ 0V, 1MHz  Surface Mount  -65°C ~ 150°C	Package	2-XFDFN
Voltage - DC Reverse (Vr) (Max)  Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  1.2V @ 100mA  Speed  Small Signal =< 200mA (Io), Any Speed  Reverse Recovery Time (trr)  4ns  Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  2.5pF @ 0V, 1MHz  Mounting Type  Surface Mount  Package / Case  2-XFDFN  Supplier Device Package  Operating Temperature - Junction  80V  2.20mA (Io), Any Speed  4ns  2.5pF @ 0V, 1MHz  2.5pF @ 0V, 1MHz  3.5pF @ 0V, 1MHz  4.5pF @ 0V,	Series	-
Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  1.2V @ 100mA  Speed  Small Signal =< 200mA (Io), Any Speed  Reverse Recovery Time (trr)  4ns  Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  2.5pF @ 0V, 1MHz  Mounting Type  Surface Mount  Package / Case  2-XFDFN  Supplier Device Package  Vz-DFN1006-2  Operating Temperature - Junction	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ If  Speed  Small Signal =< 200mA (Io), Any Speed  Reverse Recovery Time (trr)  4ns  Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  2.5pF @ 0V, 1MHz  Mounting Type  Surface Mount  Package / Case  2-XFDFN  Supplier Device Package  X2-DFN1006-2  Operating Temperature - Junction  1.2V @ 100mA  1.2V @ 100	Voltage - DC Reverse (Vr) (Max)	80V
Speed Small Signal =< 200mA (Io), Any Speed  Reverse Recovery Time (trr) 4ns  Current - Reverse Leakage @ Vr 200nA @ 80V  Capacitance @ Vr, F 2.5pF @ 0V, 1MHz  Mounting Type Surface Mount  Package / Case 2-XFDFN  Supplier Device Package X2-DFN1006-2  Operating Temperature - Junction -65°C ~ 150°C	Current - Average Rectified (Io)	100mA
Reverse Recovery Time (trr)  Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  Mounting Type  Surface Mount  Package / Case  2-XFDFN  Supplier Device Package  X2-DFN1006-2  Operating Temperature - Junction  4ns  4ns  200nA @ 80V  2.5pF @ 0V, 1MHz  Surface Mount  2-XFDFN  4ns  2.5pF @ 0V	Voltage - Forward (Vf) (Max) @ If	1.2V @ 100mA
Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  2.5pF @ 0V, 1MHz  Mounting Type  Surface Mount  Package / Case  2-XFDFN  Supplier Device Package  X2-DFN1006-2  Operating Temperature - Junction  200nA @ 80V  2.5pF @ 0V, 1MHz  Surface Mount  2-XFDFN  3-XFDFN  4-65°C ~ 150°C	Speed	Small Signal =< 200mA (Io), Any Speed
Capacitance @ Vr, F  2.5pF @ 0V, 1MHz  Mounting Type  Surface Mount  2-XFDFN  Supplier Device Package  X2-DFN1006-2  Operating Temperature - Junction  2.5pF @ 0V, 1MHz  2.5pF @ 0V, 1MHz  Surface Mount  2-XFDFN  2-XFDFN  4-65°C ~ 150°C	Reverse Recovery Time (trr)	4ns
Mounting Type Surface Mount  Package / Case 2-XFDFN Supplier Device Package X2-DFN1006-2 Operating Temperature - Junction -65°C ~ 150°C	Current - Reverse Leakage @ Vr	200nA @ 80V
Package / Case  2-XFDFN  Supplier Device Package  X2-DFN1006-2  Operating Temperature - Junction  -65°C ~ 150°C	Capacitance @ Vr, F	2.5pF @ 0V, 1MHz
Supplier Device Package $X2\text{-DFN}1006\text{-}2$ Operating Temperature - Junction $-65^{\circ}\text{C} \sim 150^{\circ}\text{C}$	Mounting Type	Surface Mount
Operating Temperature - Junction -65°C ~ 150°C	Package / Case	2-XFDFN
	Supplier Device Package	X2-DFN1006-2
	Operating Temperature - Junction	-65°C ~ 150°C
Report errors?		Report errors?

### **DLLFSD01LPH4-7B Guarantees**



### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## **DLLFSD01LPH4-7B Payment Methods**



















### **DLLFSD01LPH4-7B Shipping Methods**













If you have any question about DLLFSD01LPH4-7B, please do not hesitate to contact us!

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