

## Micro-Packaged Diodes for ESD Protection

Manufacturers	<a href="#">ON Semiconductor, LLC</a>
Package/Case	X3DFN-2
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for ESD7382MUT5G or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The ESD7382 is designed to protect voltage sensitive components that require ultra-low capacitance from ESD events. Excellent clamping capability, low capacitance, low leakage, and fast response time, make these parts ideal for ESD protection on designs where board space is at a premium. Because of its low capacitance, it is suited for use in high frequency designs such as USB 2.0 high speed and antenna line applications.

## Features

Ultra-Low Capacitance: 0.37 pF

Low Clamping Voltage

Small Body Outline Dimensions: 0.60 mm x 0.30 mm

Low Body Height: 0.3 mm

Stand-off Voltage: 5.0 V

Low Leakage

Insertion Loss: 0.030 dBm

Response Time is < 1 ns

Low Dynamic Resistance < 1

IEC61000-4-2 Level 4 ESD Protection

These Devices are Pb-Free, Halogen Free/BFR Free and are RoHSCompliant

## Application

ONSEMI

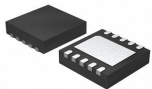
## Related Products

### [ESDM3051N2T5G](#)



ON Semiconductor, LLC  
X2DFN-2

### [ESD8708MUTAG](#)



ON Semiconductor, LLC  
UDFN-14

### [SZESD8551MXWT5G](#)



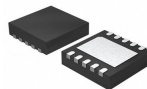
ON Semiconductor, LLC  
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### [SZESD7241MXWT5G](#)



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### [SZESD7424MUT5G](#)



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### [ESD7321MUT5G](#)



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### [ESD8111PFCT5G](#)



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### [ESD5581N2T5G](#)



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