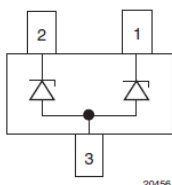
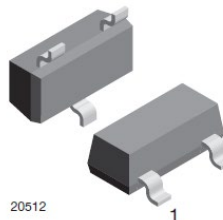
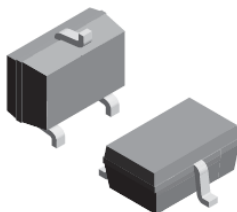




New ESD Protection Devices: 2-Line Series in Small Size SOT-323 Package and Additional 33 V Device in SOT-23 Package

AEC-Q101 Qualified Versions Available

Device Number / Ordering Code	V _{RWM}	Type	Package
VESD01A2-03G-G3-08	1 V	Commercial	SOT-323
VESD01A2-03GHG3-08	1 V	AEC-Q101	
VESD03A2-03G-G3-08	3 V	Commercial	
VESD03A2-03GHG3-08	3 V	AEC-Q101	
VESD05A2-03G-G3-08	5 V	Commercial	
VESD05A2-03GHG3-08	5 V	AEC-Q101	
VESD08A2-03G-G3-08	8 V	Commercial	
VESD08A2-03GHG3-08	8 V	AEC-Q101	
VESD12A2-03G-G3-08	12 V	Commercial	
VESD12A2-03GHG3-08	12 V	AEC-Q101	
VESD16A2-03G-G3-08	16 V	Commercial	
VESD16A2-03GHG3-08	16 V	AEC-Q101	
VESD26A2-03G-G3-08	26 V	Commercial	
VESD26A2-03GHG3-08	26 V	AEC-Q101	
VESD33A2-03G-G3-08	33 V	Commercial	
VESD33A2-03GHG3-08	33 V	AEC-Q101	
VESD33A2-03S-G3-08	33 V	Commercial	SOT-23
VESD33A2-03SHG3-08	33 V	AEC-Q101	

**SOT-323****SOT-23**

**Features: VESD Series in SOT-323**

- Compact SOT-323 package
- 2-line unidirectional ESD protection
- AEC-Q101 qualified available
- Working range: 1 V to 33 V
- ESD immunity acc. IEC 61000-4-2:
 - 15 kV to 30 kV contact discharge
 - 15 kV to 30 kV air discharge
- Lead plating: Sn (e3)
 - Soldering can be checked by standard vision inspection
 - Automated optical inspection (AOI)
- Material categorization: for definitions of compliance, please see www.vishay.com/doc?99912

Advantages: VESD Series in SOT-323

- The lead frame is covered by Sn which has best performance in soldering processes
- This package has best performance for AOI

Features: VESD Series in SOT-23

- Small SOT-23 package
- AEC-Q101 qualified available
- 2-line ESD protection
- Working range: 33 V
- ESD immunity acc. IEC 61000-4-2:
 - 15 kV contact discharge
 - 15 kV air discharge
- e3 – pins plated with tin Sn
 - Soldering can be checked by standard vision inspection
 - Automated optical inspection (AOI)
- Material categorization: for definitions of compliance, please see www.vishay.com/doc?99912

Samples:

- Available at VSSC (Vishay Sample Service Center)

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