

ESD Protection Diode

Features

- High efficiency
- Low leakage current
- High surge current capability
- High reliability
- Low ESR
- Low forward voltage drop

Mechanical Data

Package: SOD-523

Terminals: Gull wing

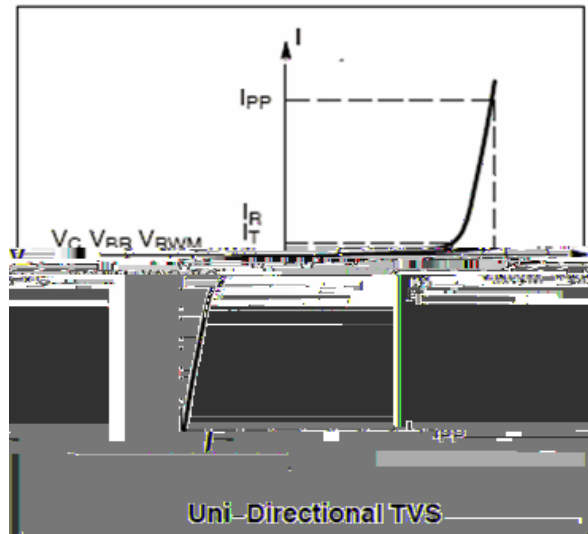


Parameter	Symbol	Value	Unit
Reverse Voltage	V_{UR}	3.0	V
Forward Voltage	V_{UF}	0.4	V
Reverse Leakage Current	I_{UR}	±1	µA
Forward Current	I_{UF}	±1	mA
Surge Current	I_{US}	10	mA
Storage Temperature	T_{STG}	-55 to 150	°C

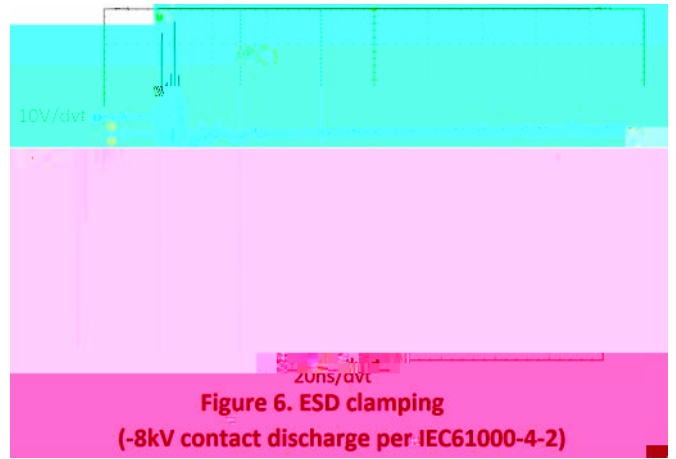
ESD protection diode is used for protecting the IC from electrostatic discharge (ESD) damage.

Electrical Parameter

PARAMETER	SYMBOL
Reverse Voltage	V_{UR}
Forward Voltage	V_{UF}
Reverse Leakage Current	I_{UR}
Forward Current	I_{UF}
Storage Temperature	T_{STG}
Surge Current	I_{US}
ESD Protection Level	H_{ESD}



ESD3V3D5B





Disclaimer

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