

Product Overview

ESD9L: ESD Protection Diode, Ultra Low Capacitance, Unidirectional

For complete documentation, see the data sheet.



The ESD9L is designed to protect voltage sensitive components that require ultra-low capacitance from ESD and transient voltage 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.

Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	Interface	Number of Lines	Direction	C Max (pF)	V _(BR) Min (V)	V _{RWM} Max (V)	I _R Max (μA)	P _{PK} Max (W)	Package Type
ESD9L3.3ST5G	0.06	Pb-free Halide free	Active	USB 2.0	1	Unidirectional	0.9	4.8	3.3	1	0.15	SOD-923-2
ESD9L5.0ST5G	0.06	Pb-free Halide free	Active	USB 2.0	1	Unidirectional	0.9	5.4	5	1	0.15	SOD-923-2
SESD9L5.0ST5G	0.0853	AEC Qualified PPAP Capable Pb-free Halide free	Active	USB 2.0								SOD-923-2
SZESD9L3.3ST5G	0.1467	AEC Qualified PPAP Capable Pb-free Halide free	Active	USB 2.0	1	Unidirectional	0.9	4.8	3.3	1	0.15	SOD-923-2

For more information please contact your local sales support at www.onsemi.com.

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