



## Eaton TVS diode ESD suppressors: selection and sizes

Package size	Family	Reverse working voltage	ESD withstand range	Peak pulse current (8/20 µs)	Capacitance range
DFN0603	<a href="#">STN061050B300</a>	5.0 V	30 kV	Up to 7A	4 pF
	<a href="#">STN06XXXB101</a>	3.3 V to 5.0 V	30 kV	Up to 7 A	10 pF
	<a href="#">STN06XXXB15</a>	3.3 V to 5.0 V	15 kV	Up to 4 A	0.15 pF
	<a href="#">STN061050BL40</a>	5.0 V	18 kV to 20 kV	Up to 5 A	0.4 pF
DFN1006	<a href="#">STN10XXXXLXX</a>	5.0 V	15 kV	Up 5 A	0.8 pF to 0.9 pF
	<a href="#">STN101XXBXXX</a>	3.3 V to 12 V	30 kV	Up to 8 A	10 pF to 11 pF
	<a href="#">STN101050B301</a>	5.0 V	30 kV	Up to 20 A	30 pF
	<a href="#">STN101050BL30</a>	5.0 V	20 kV	Up to 4.5 A	0.3 pF
	<a href="#">STN101050BL25</a>	5.0 V	25 kV	Up to 5 A	.25 pF
DFN1610	<a href="#">STN161XXXUXXX</a>	5.0 V to 15 V	30 kV	Up to 110 A	330 pF to 850 pF
DFN2x2	<a href="#">STN202XXXUXXX</a>	7.5 V to 24 V	30 kV	Up to 240 A	750 pF to 1700 pF
DFN2010	<a href="#">STN204033BL60</a>	3.3 V	30 kV	Up to 20 A	1.0 pF
DFN2510	<a href="#">STN254033UL33</a> & <a href="#">STN254033UL50</a>	3.3 V	15 kV	Up to 3 A	0.2 pF to 0.5 pF
	<a href="#">STN254050UL50</a> & <a href="#">STN254050UL50H</a>	5.0 V	15 kV to 20 kV	Up to 5 A	0.25 pF to 0.5 pF
	<a href="#">STN265033U380</a>	3.3 V	30 kV	Up to 25 A	2 pF to 3.8 pF
SOT23-6L	<a href="#">STS234XXXUXXX</a>	3.3 V to 5.0 V	20 kV to 30 kV	Up to 24 A	0.3 pF to 3 pF
SOD-523	<a href="#">STS521XXXUXXX</a>	3.3 V to 36 V	15 kV to 30 kV	Up to 10 A	16 pF to 110 pF
	<a href="#">STS521XXXBXXX</a>	3.3 V to 5.0 V	8 kV to 30 kV	Up to 20 A	0.9 pF to 95 pF
SOD-323	<a href="#">STS32XXXUXXX</a>	5.0 V to 15 V	30 kV	Up to 110 A	330 pF to 850 pF
	<a href="#">STS321XXXBXX0</a>	3.3 V to 24 V	30 kV	Up to 20 A	1 pF
	<a href="#">STS321XXXBXX1</a>	3.3 V to 36 V	30 kV	Up to 30 A	14 pF to 40 pF
	<a href="#">STS321XXXUXXX</a>	3.3 V to 36 V	8 kV to 30 kV	Up to 25 A	35 pF to 200 pF
	<a href="#">STS321045B502</a>	4.5 V	30 kV	Up to 140 A	450 pF
SOT23	<a href="#">STS232033U202</a>	3.3 V	15 kV	Up to 25 A	200 pF
	<a href="#">STS232050UL40</a>	5.0 V	20 kV	Up to 4 A	0.2 pF to 0.4 pF
	<a href="#">STS232120U901</a>	12 V	30 kV	Up to 20 A	45 pF to 90 pF
	<a href="#">STS232712B451</a>	7.0 V to 12 V	15 kV	Up to 12 A	45 pF to 75 pF
	<a href="#">STS232XXXUXXX</a>	3.3 V to 36 V	15 kV	Up to 18 A	26 pF to 150 pF
	<a href="#">STS232XXXBXXX</a>	3.3 V to 36 V	15 kV to 30 kV	Up to 20 A	15 pF to 100 pF
SOT-143	<a href="#">STS142XXXUXXX</a>	5.0 V to 70 V	20 kV to 30 kV	Up to 24 A	0.4 pF to 0.8 pF
SOP-8	<a href="#">STSP84XXXXXX</a>	2.8 V to 15 V	15 kV to 30 kV	Up to 12 A	0.65 pF to 60 pF

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