

SPICE MODEL & PARAMETERS

FIGURE 1
SPICE MODEL FOR



ABD - Avalanche Breakdown Diode (TVS)

TABLE 1 - SPICE PARAMETERS		
PARAMETER	UNIT	ABD(TVS)
BV	V	6
IBV	μA	1
C _{jo}	pF	20
I _s	A	1E-12
Vj	V	-
M	-	0.33
N	-	1
R _s	Ohms	0.28
TT	s	1E-8
EG	eV	1.11

COMPANY INFORMATION

COMPANY PROFILE

ProTek Devices, based in Tempe, Arizona USA, is a manufacturer of Transient Voltage Suppression (TVS) products designed specifically for the protection of electronic systems from the effects of lightning, Electrostatic Discharge (ESD), Nuclear Electromagnetic Pulse (NEMP), inductive switching and EMI/RFI. With over 25 years of engineering and manufacturing experience, ProTek designs TVS devices that provide application specific protection solutions for all electronic equipment/systems.

ProTek Devices Analog Products Division, also manufactures analog interface, control, RF and power management products.

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