

# New Jersey Semi-Conductor Products, Inc.

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## VARACTOR DIODES INDEX

1N950-1N4793D

TYPE	REF.	CAPACITANCE					BV <sub>R</sub> Volts	Q @ f		P <sub>D</sub> @ 25°C Watts
		C <sub>J</sub> C <sub>T</sub> pF	C Tol %	C (max) C (min)	Voltage Range			GHz	f	
					V <sub>1</sub> Volts	V <sub>2</sub> Volts				
1N950		35		2.51	4.0	130	130	7.0	0.05	
1N951		50		2.4	4.0	80	80	7.0	0.05	
1N952		70		2.43	4.0	60	60	7.0	0.05	
1N953		100		2.4	4.0	25	25	7.0	0.05	
1N954		35		2.51	4.0	25	25	7.0	0.05	
1N955		50		2.4	4.0	25	25	7.0	0.05	
1N956		70		2.43	4.0	25	25	7.0	0.05	
1N2627		2.75		1.75	0	5.0	5.0	10	1.0	
1N2628		2.5		1.5	0	5.0	5.0	14	1.0	
1N3182		33					20	65	0.05	0.163
1N3488		56					15	7.0	0.05	
1N3551	1N5472A	50	6.0	1.38	4.0	8.0	11	30	0.05	
1N3552	1N5447A	21.5	6.0				22	25	0.05	
1N3554	1N5141A	12					100			
1N3555	1N5144	20					100	60	0.05	
1N3556	1N5148	47					100	50	0.10	
1N3557	1N5144	24					210	75	0.05	
1N3627	1N5477A	21.3		2.45	4.0	20	20	25	0.05	
1N3628	1N5452A	50		2.5	4.0	20	20	30	0.05	
1N3770		2.0					5.5			
1N3945	1N5447A	20		1.5	4.0	20	20	7.0	0.05	0.50
1N3946	1N5457A	71					9.0	7.0	0.05	0.50
1N3947	1N5474A	70					9.0	9.0	0.05	
1N4091	1N5461A	4.2		2.5			6.0			0.30
1N4387	1N4387	35					150	150	0.05	20
1N4388	1N4388	20					100	200	0.05	10
1N4598		22		4.04	4.0	90	90	50	0.05	0.25
1N4599		47		5.0	2.0	100	110	100	0.05	0.50
1N4609		22		2.64	4.0	35	35	60	0.05	0.25
1N4786	1N5441A	6.8	20	2.56	0	4.0	25	15	0.05	0.50
1N4786A	1N5441A	6.8	10	2.56	0	4.0	25	15	0.05	0.50
1N4786B	1N5441B	6.8	5.0	2.56	0	4.0	25	15	0.05	0.50
1N4786C	1N5441C	6.8	2.0	2.56	0	4.0	25	15	0.05	0.50
1N4786D	1N5441D	6.8	1.0	2.56	0	4.0	25	15	0.05	0.50
1N4787	1N5442A	8.2	20	2.56	0	4.0	25	15	0.05	0.50
1N4787A	1N5442A	8.2	10	2.56	0	4.0	25	15	0.05	0.50
1N4787B	1N5442B	8.2	5.0	2.56	0	4.0	25	15	0.05	0.50
1N4787C	1N5442C	8.2	2.0	2.56	0	4.0	25	15	0.05	0.50
1N4787D	1N5442D	8.2	1.0	2.56	0	4.0	25	15	0.05	0.50
1N4788	1N5443A	10	20	2.50	0	4.0	25	15	0.05	0.50
1N4788A	1N5443A	10	10	2.50	0	4.0	25	15	0.05	0.50
1N4788B	1N5443B	10	5.0	2.50	0	4.0	25	15	0.05	0.50
1N4788C	1N5443C	10	2.0	2.50	0	4.0	25	15	0.05	0.50
1N4788D	1N5443D	10	1.0	2.50	0	4.0	25	15	0.05	0.50
1N4789	1N5444A	12	20	2.49	0	4.0	25	15	0.05	0.50
1N4789A	1N5444A	12	10	2.49	0	4.0	25	15	0.05	0.50
1N4789B	1N5444B	12	5.0	2.49	0	4.0	25	15	0.05	0.50
1N4789C	1N5444C	12	2.0	2.49	0	4.0	25	15	0.05	0.50
1N4789D	1N5444D	12	1.0	2.49	0	4.0	25	15	0.05	0.50
1N4790	1N5445A	15	20	2.49	0	4.0	25	15	0.05	0.50
1N4790A	1N5445A	15	10	2.49	0	4.0	25	15	0.05	0.50
1N4790B	1N5445B	15	5.0	2.49	0	4.0	25	15	0.05	0.50
1N4790C	1N5445C	15	2.0	2.49	0	4.0	25	15	0.05	0.50
1N4790D	1N5445D	15	1.0	2.49	0	4.0	25	15	0.05	0.50
1N4791	1N5446A	18	20	2.48	0	4.0	20	15	0.05	0.50
1N4791A	1N5446A	18	10	2.48	0	4.0	20	15	0.05	0.50
1N4791B	1N5446B	18	5.0	2.48	0	4.0	20	15	0.05	0.50
1N4791C	1N5446C	18	2.0	2.48	0	4.0	20	15	0.05	0.50
1N4791D	1N5446D	18	1.0	2.48	0	4.0	20	15	0.05	0.50
1N4792	1N5448A	22	20	2.46	0	4.0	20	15	0.05	0.50
1N4792A	1N5448A	22	10	2.46	0	4.0	20	15	0.05	0.50
1N4792B	1N5448B	22	5.0	2.46	0	4.0	20	15	0.05	0.50
1N4792C	1N5448C	22	2.0	2.46	0	4.0	20	15	0.05	0.50
1N4792D	1N5448D	22	1.0	2.46	0	4.0	20	15	0.05	0.50
1N4793	1N5449A	27	20	2.46	0	4.0	20	15	0.05	0.50
1N4793A	1N5449A	27	10	2.46	0	4.0	20	15	0.05	0.50
1N4793B	1N5449B	27	5.0	2.46	0	4.0	20	15	0.05	0.50
1N4793C	1N5449C	27	2.0	2.46	0	4.0	20	15	0.05	0.50
1N4793D	1N5449D	27	1.0	2.46	0	4.0	20	15	0.05	0.50