



ABRUPT VARACTOR DIODES

MV1652 - MV1666

PART NUMBER	C _T DIODE CAPACITANCE V _r = 4 Vdc, f = 1 MHz (pF)			Q ₁ QUALITY FACTOR V _r = 4 Vdc f = 20 MHz MIN	CAPACITANCE RATIO TYPICAL		MIN REVERSE VOLTAGE I _r = 10 μA Vdc
	MIN	NOM	MAX		C•2V / C•20V	C•2V / C•15V	
MV1652	108	120	135	250	2.6		20
MV1654	132	150	165	250	2.6		20
MV1656	162	180	198	200	2.6		20
MV1658	180	200	220	200	2.6		20
MV1660	198	220	242	150	2.6		20
MV1662	225	250	275	150		2.3	15
MV1664	243	270	300	100		2.3	15
MV1666	297	330	363	100		2.3	15
Package Style DC Power Dissipation Max Reverse Current (I_r) Max Reverse Current (I_r) Operating Temperature (Topr) Storage Temperature (Tstg) Junction Temperature @ T_A = 25°C @ 15 Vdc @ 10 Vdc DO-7 475 mW 0.1 μA (MV1652 - MV1660) 0.1 μA (MV1662 - MV1666) -65 to + 150° C -65 to + 200° C 175° C							