

SCHOTTKY DIODES

TYPE	$V_R$ @ $I_R=10\mu A$	$I_R$ @ $V_R$	$V_F$ @ $I_F$	$I_F$	$V_F$ @ $I_F$	$I_F$	$C_O$ @ $V_R=0$	$V_F=0$	CASE STYLE
	min. (V)	min. (mA)	max. (V)	(mA)	max. (V)	(mA)	max. (pF)	(MHz)	
BS 05155Y	5	100	0.4	1	0.5	10	1.5	1	TO-92s 
BS 10155Y	10	100	0.4	1	0.5	10	1.5	1	
BS 10106Y	10	100	0.4	1	0.6	10	1	1	
BS 15106Y	15	100	0.4	1	0.6	10	1	1	
BS 20107Y	20	100	0.4	1	0.7	10	1	1	

SCHOTTKY DIODE RINGS

TYPE	$V_F$ @ $I_F$	$I_F$	$\Delta V_F$ @ $I_F$	$I_F$	$\Delta C$ @ $I_F$	$I_F$ & $f$	WORK FRQ.	CASE STYLE	
	max. (V)	(mA)	max. (mV)	(mA)	max. (pF)	(mA) (MHz)	max. (GHz)		
BS 20107 Q	1.4	10	20	10	0.2	0	1	3.50	TO-50/4 
BS 30056 Q	1.2	10	10	10	0.1	0	1	3.50	

BARITT DIODES

TYPE	$P_{out}$	$V_P$ @ $I_R=0.1mA$	$I_R$ @ $V_R=0.8V_P$	$C_D$ @ $V_P$	$I_O$	$f_o$	EFFICIENCY	CASE STYLE
	min. (mW)	max. (V)	max. (uA)	max. (pF)	typ. (mA)	min.-max. (GHz)	CI-ENCY (%)	
EX 011Y	1	40	10	1.2	15	8 - 12	0.05	F-27d1 
EX 051Y	5	55	10	1.2	25	8 - 12	0.20	
EX 101Y	10	75	10	1.2	35	8 - 12	0.50	
EX 012Y	1	40	10	1.2	15	8 - 12	0.05	F-27d2 
EX 052Y	5	55	10	1.2	25	8 - 12	0.20	
EX 102Y	10	75	10	1.2	35	8 - 12	0.50	

SELF-OSCILLATING MIXERS

TYPE	$P_{out}$	$V_L$	$I_L$	NOISE	$V.$	$S_o$	$f_o$	CASE STYLE
	min. (mW)	min. (V)	max. (mA)	min. (uV)	min. (dB)	min.-max. (GHz)		
TDG 034011	1 - 3	40	5 - 20	100	70	8.5 - 9	SOM-1 	
TDG 055011	3 - 5	50	5 - 20	100	75	8.5 - 9		
TDG 107011	5 - 10	70	5 - 20	100	80	8.5 - 9		
TDM 012011	0.1	20	5 - 20	80	50	10.5 - 12	SOM-2 	
TDM 032511	0.3	25	5 - 20	80	45	10.5 - 12		
TDM 033011	0.3	30	5 - 20	80	50	10.5 - 12		
TDM 052511	0.5	25	5 - 20	80	50	10.5 - 12		
TDM 053011	0.5	30	5 - 20	80	50	10.5 - 12		
TDM 102811	1	28	5 - 20	80	70	10.5 - 12		
TDM 103011	1	30	5 - 20	80	70	10.5 - 12		
TDM 103511	1	35	5 - 20	80	70	10.5 - 12		