



Innovation Resulting in Cost Reduction

Sampling Phase Detectors

Part Number	Case Style	Vf(typ) If= 1mA (mV)	Schottky Pair		Capacitors	SRD			Freq. Output (max) (GHz)
			Cj0(typ) @ 0V f=1 MHz (pF)	RD(typ) If= 5 mA (Ω)	Ct0(typ) @ 0V f=1 MHz (pF)	Cj6(typ)@ V=6V f=1 MHz (pF)	tL (typ) If= 10/6 mA (nS)	tt (typ) (pS)	
MP7100	E12	300	0.1	16	0.5	0.3	25	50	18
MP7100M	E12M	300	0.1	16	0.5	0.3	25	50	18
MP7200	E12	400	0.1	16	0.5	0.3	25	50	18
MP7200M	E12M	400	0.1	16	0.5	0.3	25	50	18
MP7300	E12	600	0.1	16	0.5	0.3	25	50	18
MP7300M	E12M	600	0.1	16	0.5	0.3	25	50	18