



Innovation Resulting in Cost Reduction

M-Pulse Microwave Inc.
 576 Charcot Ave.
 San Jose, Ca, 95131
 Tel: (408) 432-1480
 Fax:(408) 432-1480
 www.mpulsemw.com

Sampling Phase Detectors

Part Number	Case Style	Schottky Pair			Capacitors		SRD			Freq Output	DRO/VCO
		Vf(typ)	Cj0(typ) @ 0V	RD(typ)	Ct0(typ) @ 0V	Cj6(typ) @ 6V	t L(typ)	tt (typ)	(max)	Signal Power	
		If= 1mA (mV)	f=1 MHz (pF)	If= 5mA (Ω)	f=1 MHz (pF)	f=1 MHz (pF)	If= 10/6mA (nS)				(pS)
MP7100	E12	300	0.1	16	0.5	0.3	25	50	24	0-3	
MP7100M	E12 M	300	0.1	16	0.5	0.3	25	50	24	0-3	
MP7200	E12	400	0.1	16	0.5	0.3	25	50	24	3-6	
MP7200M	E12 M	400	0.1	16	0.5	0.3	25	50	24	3-6	
MP7300	E12	600	0.1	16	0.5	0.3	25	50	24	6-10	
MP7300M	E12 M	600	0.1	16	0.5	0.3	25	50	24	6-10	