



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

Step Recovery Diodes								
Part Number	Case Style	Vbr(min) I _r = 10 μ A (volts)	C _{j6} (min/max) @ 6V f = 1 MHz (pF)	R _s (typ) @ I _f = 100mA (Ω)	t _t (typ) (pS)	t _L (typ) (nS)	θ_{jc} ($^{\circ}$ C/W)	Max Freq. (GHz)
MP4021	C14	20	0.2 - 0.5	0.8	50	15	60	20
MP4022	P2	20	0.2 - 0.5	0.8	50	15	60	20
MP4023	E1	20	0.2 - 0.5	0.8	50	15	60	20
MP4025	G1	20	0.2 - 0.5	0.8	50	15	60	18
MP4026	105	20	.2 - .5	0.8	50	15	60	20
MP4031	C14	30	0.5 - 1.0	0.6	70	30	45	14
MP4032	P2	30	0.5 - 1.0	0.6	70	30	45	14
MP4033	E1	30	0.5 - 1.0	0.6	70	30	45	14
MP4035	G1	30	0.5 - 1.0	0.6	70	30	45	12
MP4036	105	30	.5 - 1.0	0.6	70	30	45	14
MP4041	C14	40	1.0 - 2.0	0.5	120	60	25	8
MP4042	P2	40	1.0 - 2.0	0.5	120	60	25	8
MP4043	E1	40	1.0 - 2.0	0.5	120	60	25	8
MP4045	G1	40	1.0 - 2.0	0.5	120	60	25	8
MP4046	105	40	1.0 - 2.0	0.5	120	60	25	8
MP4061	C14	60	2.0 - 4.0	0.3	240	120	15	4
MP4062	P2	60	2.0 - 4.0	0.3	240	120	15	4
MP4063	E1	60	2.0 - 4.0	0.3	240	120	15	4
MP4065	G1	60	2.0 - 4.0	0.3	240	120	15	4
MP4066	105	60	2.0 - 4.0	0.3	240	120	15	4