



Innovation Resulting in Cost Reduction

### PIN Diodes

PIN Heatsink is Cathode	Part Number	Case Style	Vbr(min) Ir= 10 $\mu$ A (volts)	Cj10(max) @ 10V f= 1 MHz (pF)	Rs(typ) If= 10mA ( $\Omega$ )	tL(typ) If= 10/6 mA (nS)	Application
		MP5021	C7	15	0.12	2	10
	MP5022	P2	15	0.12	2	10	Limiter
	MP5023	G1	15	0.12	2	10	Limiter
	MP5024	E1	15	0.12	2	10	Limiter
	MP5025	105	15	0.12	2	10	Limiter
	MP5031	C7	30	0.08	2	20	Limiter
	MP5032	P2	30	0.08	2	20	Limiter
	MP5033	G1	30	0.08	2	20	Limiter
	MP5034	E1	30	0.08	2	20	Limiter
	MP5035	105	30	0.08	2	20	Limiter
	MP5041	C8	70	0.12	1	35	Fast Switch
	MP5042	P2	70	0.12	1	35	Fast Switch
	MP5043	G1	70	0.12	1	35	Fast Switch
	MP5044	E1	70	0.12	1	35	Fast Switch
	MP5045	105	70	0.12	1	35	Fast Switch
	MP5201	C8	200	0.12	2	200	General Purpose
	MP5202	P2	200	0.12	2	200	General Purpose
	MP5203	G1	200	0.12	2	200	General Purpose
	MP5204	E1	200	0.12	2	200	General Purpose
	MP5305	105	200	0.12	2	200	General Purpose
	MP5081	C9	100	0.08	2	100	High Frequency
	MP5082	P2	100	0.08	2	100	High Frequency
	MP5084	E1	100	0.08	2	100	High Frequency
	MP5085	105	100	0.08	2	100	High Frequency
	MP5206	C10	100	0.25	1	200	Low Cost
	MP5207	P2	100	0.25	1	200	Low Cost
	MP5208	G1	100	0.25	1	200	Low Cost
	MP5209	E1	100	0.25	1	200	Low Cost
	MP5210	105	100	0.25	1	200	Low Cost
	MP5501	C11	300	0.25	3	300	High Power
	MP5502	P2	300	0.25	3	300	High Power
	MP5503	G1	300	0.25	3	300	High Power
	MP5504	E1	300	0.25	3	300	High Power
	MP5505	105	300	0.25	3	300	High Power

PIN Diodes							
PIN Heatsink is Cathode	Part Number	Case Style	Vbr(min) I <sub>r</sub> = 10μA (volts)	Cj10 (max) @ 10V f= 1 MHz (pF)	Rs (typ) I <sub>f</sub> = 10mA (Ω)	tL (typ) I <sub>f</sub> = 10/6 mA (nS)	Application
	MP5506	C12	100	0.15	5	200	Attenuator
	MP5507	P2	100	0.15	5	200	Attenuator
	MP5508	G1	100	0.15	5	200	Attenuator
	MP5509	E1	100	0.15	5	200	Attenuator
	MP5510	105	100	0.15	5	200	Attenuator
	MP5220	B1	70	0.02	6	30	switching
	MP5221	B1	70	0.025	5	50	switching
	MP5222	B1	70	0.035	4	60	switching
	MP5230	M2	70	0.045	6	30	switching
	MP5232	M2	70	0.055	4	60	switching
NIP Diodes							
NIP Heatsink is anode	Part Number	Case Style	Vbr(min) I <sub>r</sub> = 10μA (volts)	Cj10 (max) @ 10V f= 1 MHz (pF)	Rs (typ) I <sub>f</sub> = 10mA (Ω)	tL (typ) I <sub>f</sub> = 10/6 mA (nS)	Application
	MP5401	C8	70	0.08	2	35	Fast Switch
	MP5402	P2	70	0.08	2	35	Fast Switch
	MP5403	G1	70	0.08	2	35	Fast Switch
	MP5404	E1	70	0.08	2	35	Fast Switch
	MP5405	105	70	0.08	2	35	Fast Switch
	MP5411	C9	100	0.12	2	100	Switching
	MP5412	P2	100	0.12	2	100	Switching
	MP5413	G1	100	0.12	2	100	Switching
	MP5414	E1	100	0.12	2	100	Switching
	MP5415	105	100	0.12	2	100	Switching
	MP5441	C8	200	0.12	2	200	Switching
	MP5442	P2	200	0.12	2	200	Switching
	MP5443	G1	200	0.12	2	200	Switching
	MP5444	E1	200	0.12	2	200	Switching
	MP5445	105	200	0.12	2	200	Switching
	MP5448	C11	300	0.25	3	300	High Power
	MP5449	P2	300	0.25	3	300	High Power
	MP5450	G1	300	0.25	3	300	High Power
MP5451	E1	300	0.25	3	300	High Power	
MP5452	105	300	0.25	3	300	High Power	