

PIN Diodes

| PIN Heatsink is Cathode | Part Number | Case Style | Vbr(min) Ir= 10 μ A (volts) | Cj10(max) @ 10V f= 1 MHz (pF) | Rs(typ) If= 10mA (Ω) | tL(typ) If= 10/6 mA (nS) | Application |
|-------------------------|-------------|------------|---------------------------------------|-------------------------------------|-------------------------------------|--------------------------------|-------------|
| | MP5021 | C7 | 15 | 0.12 | 2 | 10 | Limiter |
| 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 _r = 10μA (volts) | Cj10 (max) @ 10V f= 1 MHz (pF) | Rs (typ) I _f = 10mA (Ω) | tL (typ) I _f = 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 _r = 10μA (volts) | Cj10 (max) @ 10V f= 1 MHz (pF) | Rs (typ) I _f = 10mA (Ω) | tL (typ) I _f = 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 | |