

# Featured MACOM Diodes

Application	Function	Product Family	Description	Part Number Examples
Medical - MRI	RF Switching	MELF PIN Diodes	Non-magnetic SMT PIN Diodes	MA4P7464F-1072T / MA4P7446F-1091T
Test & Measurement	RF Switching	HMIC Switches	Silicon PIN Switch IC's (to 20 GHz)	MASW-004102-12760W / MASW-004103-13650G
		AlGaAs Switches	AlGaAs PIN Switch IC's (to 50 GHz)	MA4AGSW2 / MA4AGSW4
		PIN Diodes	Fast Switching Silicon PIN Diodes (Die & Packaged)	MPN7302 / MA4P303-134
		Beamlead PIN Diodes	Fast Switching Mesa and Planar Beamlead Diodes	MA4PBL027 / MPND4005-B15
Aerospace & Defense	Transmit / Receive Switch		S-Band 10 W CW PIN Switch	MASW-000822-12770T
			X-Band 10 W CW PIN Switch	MASW-011021
			Ka-Band 13 W CW PIN Switch	MASW-011036
	Double Balanced Mixers	Silicon Schottky Quads	Low, Medium & High Drive Quads (Beamleads & Packaged)	MSS30 / MSS40 / MSS50
	Passive Limiter Circuits	Limiter Diodes	Silicon Limiter Diodes	MA4L021 / MADL-011023-14150T
			Limiters	High Power SMT Limiter for Receiver Protector Circuits
	Tuning / DC Block	Chip Capacitors	Passive Silicon Chip Capacitors for Hybrid Microwave Circuits	MA4M3100 / 9029RK
Attenuation	Fixed Attenuators	Thin Film Chip Attenuators w/ Metallized Backside Ground	MAT10030	
Public & Military Radios	RF Switching	MELF PIN Diodes	High Power SMT PIN Diodes	MA4P1250-1072T / MA4P4006F-1091T