

MA-COM Diodes



Diodes & Rectifiers

SCHOTTKY MIXER AND DETECTOR DIODES

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	MA-COM Part No.	Package	Frequency (MHz)		Junction Capacitance (pF)	Total Capacitance (pF)	Description	Price Each		
			Min.	Max.				1	100	200
937-MA4E1318	MA4E1318	ODS-1197	0	80000	0.09	0.09	GaAs Flip Chip Anti-Parallel Low Barrier Si Single	5.22	2.44	2.39
937-MA4E2502L-1246	MA4E2502L-1246	ODS-1246	0	26000	0.12	0.12		4.35	3.62	3.26

PIN SWITCH AND ATTENUATOR DIODES

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	MA-COM Part No.	Package	Frequency (MHz)		Series Resistance (Ω)	Total Capacitance (pF)	Description	Price Each		
			Min.	Max.				1	10	50
937-MA4P4006F-1091-T	MA4P4006F-1091T	ODS-1091	0.1	1000	0.5	2.2	High Avg. Power SMQ	17.38	13.90	12.51
937-MA4P4301F-1091-T	MA4P4301F-1091T	ODS-1091	0.1	1000	1	2	High Avg. Power SMQ	14.05	11.24	10.12
937-MA4P506-1072-T	MA4P506-1072T	ODS-1072	0.1	1500	0.3	1	PIN Diode	7.05	5.88	5.29
937-MA4P7006F-1072-T	MA4P7006F-1072T	ODS-1072	0.1	1500	0.8	0.7	High Avg. Power SMQ	5.52	4.60	4.14
937-MA4P1250-1072-T	MA4P1250-1072T	ODS-1072	0.1	1500	0.5	0.9	High Avg. Power SMQ	3.75	3.13	2.81
937-MA4P504-1072-T	MA4P504-1072T	ODS-1072	0.1	1500	0.6	0.55	PIN Diode	5.16	4.30	3.87
937-MA4P505-1072-T	MA4P505-1072T	ODS-1072	0.1	1500	0.45	0.7	PIN Diode	8.43	7.03	6.32
937-MA4P7001F-1072-T	MA4P7001F-1072T	ODS-1072	0.1	1500	0.8	0.7	High Avg. Power SMQ	3.75	3.13	2.81
937-MA4P7102F-1072-T	MA4P7102F-1072T	ODS-1072	0.1	1500	0.5	1	High Avg. Power SMQ	3.45	2.88	2.59
937-MA4P7104F-1072-T	MA4P7104F-1072T	ODS-1072	0.1	1500	0.5	1	High Avg. Power SMQ	3.90	3.25	2.93
937-MA4P7470F-1072-T	MA4P7470F-1072T	ODS-1072 Non-Mag	0.1	1500	0.8	0.7	Non-Magnetic MELF for MRI	8.28	6.90	6.21
937-MA4P303-134	MA4P303-134	ODS-134 Die	20	18000	1.5	0.15	PIN Diode	2.70	2.25	2.02
937-MADP-402-12530P	MADP-000402-12530P	ODS-1253 Die	50	18000	4.5	0.04	Surmount PIN Diodes	6.30	5.25	4.73
937-MADP17015-13140P	MADP-017015-13140P	ODS-1314 Die	1	6000	0.72	0.32	Surmount PIN Diodes	6.75	5.63	5.06
937-MADP30015-13140P	MADP-030015-13140P	ODS-1314 Die	1	6000	0.49	0.78	Surmount PIN Diodes	6.90	5.75	5.18

VARACTOR TUNING DIODES

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	MA-COM Part No.	Package	Total Capacitance (pF)	Gamma	Quality Factor @ 50MHz (Min.)	Breakdown Voltage	Description	Price Each		
								1	10	50
937-MA46H120	MA46H120	Flip Chip	0.35	1	3000	15	GaAs Hyperabrupt	3.08	2.77	2.54

DIGITAL ATTENUATORS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	MA-COM Part No.	Package	Frequency (MHz)		Number of Bits	Attenuator Range (dB)	Price Each		
			Min.	Max.			1	10	100
937-MAADSS0008-T3	MAADSS0008TR-3000	SOT-25	0	2000	1	15	.87	.73	.65
937-MAATSS0017-T	MAATSS0017TR	QSOP-16	400	2500	5	15.5	6.93	5.78	5.20
937-MAATSS0020-T	MAATSS0020TR	TSSOP-20	0	2000	5	31	9.93	8.28	7.45

VOLTAGE VARIABLE ATTENUATORS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	MA-COM Part No.	Package	Frequency (MHz)		Insertion Loss (dB)	Attenuator Range (dB)	Price Each		
			Min.	Max.			1	10	100
937-MAAVSS0001-T3	MAAVSS0001TR-3000	SOT-25	1800	2500	2.4	42	2.49	2.08	1.87
937-MAAVSS0006-T3	MAAVSS0006TR-3000	SOT-25	0	2500	3.6	25	2.70	2.25	2.03

COUPLERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	MA-COM Part No.	Package	Frequency (MHz)		Coupling (nom.)(dB)	Isolation (dB)	Price Each		
			Min.	Max.			1	100	200
937-EMDC-10-1-T	EMDC-10-1TR	SM-22	5	1000	10	17	2.10	1.86	1.79

POWER DIVIDERS AND COMBINERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	MA-COM Part No.	Package	Frequency (MHz)		Number of Channels	Amplitude Balance (dB)	Description	Price Each		
			Min.	Max.				1	100	200
937-MAPD-9278-5T1000	MAPD-009278-5T1000	SM-156	5	1000	2	-	2-Way 0 Degree	1.80	1.35	1.20
937-MAPD-8072-ESSM26	MAPD-008072-ESSM26	SM-1	5	900	2	0.5	2-Way 0 Degree	5.32	4.51	3.83
937-MAPD-8957-CT0012	MAPD-008957-CT0012	SM-89	1	2700	2	1.5	Surface Mount Power Driver	1.80	1.35	1.20
937-MAPD-7246-ES4700	MAPD-007246-ES4700	SM-46	2	1000	4	0.5	4-Way	14.30	11.70	10.40

MIXERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	MA-COM Part No.	Package	Frequency RF/LO (MHz)		Frequency, IF (MHz)		Description	Price Each		
			Min.	Max.	Min.	Max.		1	10	50
937-MAMXSS0013-T	MAMXSS0013TR-3000	SOT-25	1400	2100	0	500	Low Cost MMIC	2.64	2.20	1.98
937-MAMXES0108	MAMXES0108	SM-89	0.5	500	0.5	500	Double Balanced	6.00	5.00	4.50
937-MAMX-7238-CM25MH	MAMX-007238-CM25MH	SM-87	2	2500	2	2500	Double Balanced	9.06	7.55	6.80
937-MAMXES0115	MAMXES0115	SM-89	5	1000	0	1000	Double Balanced	6.00	5.00	4.50
937-MAMX-7607-ELCM1H	MAMX-007607-ELCM1H	SM-87	0.5	500	0.5	500	Double Balanced	6.00	5.00	4.50
937-MAMX-9239-001500	MAMX-009239-001500	SM-87	10	2500	10	2500	High Drive	4.50	3.75	3.38
937-MAMXES0117	MAMXES0117	SM-2	80	2500	0	1000	Passive Double Double Balanced	12.97	11.78	10.05

TRANSFORMERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	MA-COM Part No.	Package	Frequency (MHz)		Impedance Ratio	Insertion Loss (dB)	Description	Price Each		
			Min.	Max.				1	10	100
937-MABAES0060	MABAES0060	SM-22	0.3	200	1:1	1.5	Flux Coupled Balun	2.22	1.85	1.67
937-ETC1-1T-2	ETC1-1T-2	SM-22	0.1	200	1:1	1.5	RF	2.46	2.05	1.85
937-MABA00948760HWCA	MABA-009487-60HWCA	SM-195	0.5	500	1:1	2.3	RF Flux Coupled	2.31	1.93	1.73
937-ETC1-1-13TR	ETC1-1-13TR	SM-22	4.5	3000	1:1	2	T-Line Balun	2.25	1.88	1.69
937-MABA007159000000	MABA-007159-000000	SM-22	4.5	3000	1:1	2	T-Line Balun	1.65	1.38	1.24
937-MABA010125TC1113	MABA-010125-TC1113	SM-22	4.5	3000	1:1	2.8	Transmission Line	1.50	1.25	1.13
937-MABA007237ETC410	MABA-007237-ETC410	SM-22	1	350	1:4	3	Flux Coupled Balun	1.50	1.25	1.13
937-MABAES0061	MABAES0061	SM-22	2	800	1:4	3	Flux Coupled Balun	1.92	1.60	1.44
937-MABA00948861HWCA	MABA-009488-61HWCA	SM-195	3	800	1:4	1.5	RF Flux Coupled	1.56	1.30	1.17
937-MABA010012ES4302	MABA-010012-ES4302	SM-22	30	2500	1:4	2	Transmission Line	1.50	1.25	1.13
937-MABA007236C16423	MABA-007236-C16423	SM-22	500	3000	1:4	3	T-Line Balun	1.50	1.25	1.13
937-MABA008639TC41T7	MABA-008639-TC41T7	SM-22	6	1000	1:4	3	Flux Coupled Balun	2.31	1.93	1.73
937-MABA007569ETK42T	MABA-007569-ETK42T	SM-22	2	1000	1:4	4	T-Line Balun	2.79	2.33	2.09
937-MABA010143FLUX18	MABA-010143-FLUX18	SM-22	2	500	1:8	1	RF Flux Coupled	1.50	1.25	1.13

Transformer Designer Kits

937-MABA00000150KIT1	MABA-000001-50KIT1	Transformers from 1-3000 MHz; Each kit contains 15 models, 10 of each, 150 total						1	105.00	
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