

Part Number	Short Description	Min Frequency (MHz)	Max Frequency (MHz)	Insertion Loss (dB)	Isolation (dB)	IIP3 (dBm)	IP1dB (dBm)	Compatible Driver
MA4AGSW2	AlGaAs Reflective	50	50000	0.6	46			MADR-007097-000100
MA4SW210	HMIC™ PIN Diode	50	26500	0.6	53	40		MADR-007097-000100
MA4SW210B-1	HMIC PIN Diode with Bias	2000	26000	1.2	48	40		MADR-007097-000100
MASW-000822-12770T	HMIC™ PIN Diode, 10W	50	6000	0.3	32	60		MADR-009150
MASW-000825-12770T	HMIC™ PIN Diode 20W	50	6000	0.3	35	64		MADR-009150
MASW-000834-13560T	HMIC™PIN Diode, 50W	50	6000	0.2	53	65		MADR-009150
MASW-000932	HMIC™ PIN Diode SPDT 80 Watt Switch	10	4000	53	43	72		MADR-009150
MASW-000936	PIN Diode SPDT 120 Watt Switch	50	6000	0.2	45	72		MADR-009150 or MADR-010574
MASW-001100-1190	HMIC™ PIN Diode	50	26500	0.3	65	40		MADR-007097-000100
MASW-002100-1191	HMIC™ PIN Diode	50	26500	0.3	65	40		MADR-007097-000100
MASW-002102-13580	HMIC Si PIN Diode with Bias	2	18000	1.8	55	40		MADR-007097-000100
MASW-002103-1363	HMIC Silicon PIN Diode	50	20000	0.8	38	40		MADR-007097-000100
MASW-010646	Ka-Band High Power Reflective SPDT PIN Switch	26000	40000	0.6	39	60		MADR-011020
MASW-010647	20W HMIC™ Silicon PIN Diode Terminated SPDT Switch	8000	10500	0.8	37	60		MADR-011020
MASW-011021	HMIC Silicon PIN Diode SPDT Switch	6000	14000	0.7	34	60		MADR-011020
MASW-011036	Ka-Band High Power Terminated SPDT PIN Switch, 26-40 GHz	26000	40000	0.7	40			MADR-011020
MASW-011052	HMIC PIN Diode, SP2T Switch	2000	26000	0.8		43		MADR-007097-000100 / MADR-011020
MASW-011055	Switch, SP2T 100 Watt Reflective	30	3000	0.2	54	66		MADR-010574
MASW-011060	Switch, SP2T 100 Watt Reflective	500	6000	0.35	40	75		MADR-010574
MASW-011071	20 W HMIC Silicon PIN Diode Terminated SPDT Switch	8000	10500	1	38	60	44	MADR-009150
MASW-011094	Ka-Band High Power Terminated SPDT PIN Switch	24000	37000	0.6	26			MADR-011020
MASW-011098	Packaged High Power 26-40GHz Reflective SPDT PIN Switch	26000	40000	1.17	38			MADR-011020
MSW2000-200	SP2T PIN Diode Switches	50	1000	0.25	48			MADR-009150 or MADR-010574
MSW2001-200	SP2T PIN Diode Switches	400	4000	0.4	32			MADR-009150 or MADR-010574
MSW2002-200	SP2T PIN Diode Switches	2000	6000	0.7	32			MADR-009150 or MADR-010574
MSW2010-201	SP2T PIN Diode Switches	50	1000	0.2	57			MADR-009150 or MADR-010574
MSW2011-201	SP2T PIN Diode Switches	400	4000	0.3	57			MADR-009150 or MADR-010574
MSW2022-202	SP2T PIN Diode Switch	10	1000	0.2	52			MADR-009150 or MADR-010574
MSW2030-203	SP2T Limiter PIN Diode Switch	50	1000	0.3	52	65		MADR-009150 or MADR-010574
MSW2031-203	Surface Mount SP2T Switches	400	4000	0.5	35	65		MADR-009150 or MADR-010574
MSW2032-203	Surface Mount SP2T Switches	2000	6000	0.6	35	65		MADR-009150 or MADR-010574
MSW2040-204	SP2T Switch Series, 50 MHz 4 GHz	50	1000	0.2	54			MADR-009150 or MADR-010574
MSW2041-204	SP2T Switch Series, 50 MHz 4 GHz	400	4000	0.3	44			MADR-009150 or MADR-010574
MSW2050-205	Surface Mount SP2T Switches	50	1000	0.2	52			MADR-009150 or MADR-010574
MSW2060-206	Surface Mount PIN Diode SP2T Switches	20	1000	0.23	53	65		MADR-011021
MSW2061-206	Surface Mount PIN Diode SP2T Switches	400	4000	0.5	35	65		MADR-011021
MSW2062-206	Surface Mount PIN Diode SP2T Switches	2000	6000	0.7	34	65		MADR-011021
MASW-011040	Switch, SP4T 200 W	50	1000	0.3	51			MADR-009150 or MADR-010574

Part Number	Ordering	Short Description	Min Frequency (MHz)	Max Frequency (MHz)	Insertion Loss (dB)	Isolation (dB)	IIP3 (dBm)	IP1dB (dBm)	Configuration	Package	Lead-Free	Package Category	Driver
MA4AGSW4	Buy	AlGaAs Reflective	50	50000	0.8	42	40		SP4T	DIE	Yes	Die	MADR-009190-000100
MA4SW410	Buy	HMIC™PIN Diode	50	26500	0.7	48	40		SP4T	DIE	Yes	Die/Bumped Die	MADR-009190-000100
MA4SW410B-1	Buy	HMIC™PIN Diode with Bias	2000	18000	0.8	48	40		SP4T	DIE	Yes	Die/Bumped Die	MADR-009190-000100
MASW-004100-1193	Inquire	HMIC™PIN Diode	50	26500	0.3	65	40		SP4T	DIE	Yes	Die/Bumped Die	MADR-009190-000100
MASW-004102-12760	Inquire	HMIC™ Si PIN Diode with Bias	2	18000	1.5	50	40		SP4T	DIE	Yes	Die/Bumped Die	MADR-009190-000100
MASW-004103-1365	Inquire	HMIC™Si PIN Diode	50	20000	0.8	50	63		SP4T	Surmount Die	Yes	Surface Mount Die	MADR-009190-000100
MASW-004240-13170W	Inquire	HMIC™ PIN Diode with Bias	10	24000	2.5	50			SP4T	DIE	Yes	Die/Bumped Die	MADR-009190-000100
MASW-011087	Inquire	AlGaAs SP4T Reflective Switch	14000	38000	0.9	32	43	30		Die	Yes	Die	MADR-009190-000100

Part Number	Short Description	Min Frequency (MHz)	Max Frequency (MHz)	Insertion Loss (dB)	Isolation (dB)	IIP3 (dBm)	IP1dB (dBm)	CW Incident Power (W)	Configuration	Driver
MA4AGSW3	AlGaAs Reflective	50	50000	0.6	48				SP3T	MADR-009190-000100
MA4SW310	HMIC™ PIN Diode	50	26500	0.8	48	40			SP3T	MADR-009190-000100
MA4SW310B-1	HMIC™ PIN Diode with Bias	2000	26000	1.2	47	40			SP3T	MADR-009190-000100
MASW-003100-1192	HMIC™ PIN Diode	50	26500	0.3	65	40			SP3T	MADR-009190-000100
MASW-003102-13590	HMIC™ Si PIN Diode with Bias	2000	18000	0.8	50	40			SP3T	MADR-009190-000100
MASW-003103-1364	HMIC™ Si PIN Diode	50	20000	0.8	40	40			SP3T	MADR-009190-000100
MASW-011029	Wideband, 75 - 100 GHz, AlGaAs SP3T PIN Diode Switch	75000	100000	1.3	33					MADR-009190-000100
MASW-011030	High Power SP3T 100W Reflective Switch	30	3000	0.2	50	62				MADR-010574
MASW-011041	Switch, SP3T 200 W	50	1000	0.3	51					MADR-010574
MASW-011053	HMIC™ Silicon PIN Diode SP3T Switch	2000	18000	0.8	50	48				MADR-009190-000100
MSW3100-310	Surface Mount SP3T Switches	50	1000	0.3	57			50	Symmetrical SP3T	MADR-009150 or MADR-010574
MSW3101-310	Surface Mount SP3T Switches	400	4000	0.5	43			50	Symmetrical SP3T	MADR-009150 or MADR-010574
MSW3103-310	Surface Mount SP3T Switches	50	1000	0.4	34	64		50	Symmetrical SP3T	MADR-009150 or MADR-010574
MSW3104-310	Surface Mount SP3T Switches	400	3000	0.6	34	64		50	Symmetrical SP3T	MADR-009150 or MADR-010574
MSW3200-320	Surface Mount PIN Diode SP3T Switches	20	1000	0.4	47	65		50	Symmetrical SP3T	MADR-009150 or MADR-010574
MSW3201-320	Surface Mount PIN Diode SP3T Switches	400	4000	0.6	35	65		50	Symmetrical SP3T	MADR-009150 or MADR-010574

Part Number	Short Description	Min Frequency (MHz)	Max Frequency (MHz)	Insertion Loss (dB)	Isolation (dB)	IIP3 (dBm)	IP1dB (dBm)	Configuration	Driver
MA4AGSW1	SPST Reflective AlGaAs PIN Diode Switch RoHS Compliant	50	50000	0.2	43			SPST	MADR-007097
MA4AGSW1A	SPST Non-Reflective AlGaAs PIN Diode Switch	50	50000	1.2	48			SPST	MADR-007097
MA4SW110	HMIC™ PIN Diode	50	26500	0.6	48	40		SPST	MADR-007097
MASW-001150-1316	HMIC™ PIN Diode,50W	45	2500	0.3	65	40		SPST	MADR-011020
MSWSS-020-40	PIN Diode Series Shunt Integrated Switch Element	6	6000	0.15	63				MADR-009150
MSWSS-040-30	Pin Diode Shunt Switch Element	10	10000	0.1	55				MADR-009150
MSWSSB-020-30	Pin Diode Shunt Switch Element	10	10000	0.2	70				MADR-009150

Switch Part Number	Short Description	Min Frequency (MHz)	Max Frequency (MHz)	Insertion Loss (dB)	Isolation (dB)	IIP3 (dBm)	Compatible Driver
MASW-010646	Ka-Band High Power Reflective SPDT PIN Switch	26000	40000	0.6	39	60	MADR-011020
MASW-010647	20W HMIC™ Silicon PIN Diode Terminated SPDT Switch	8000	10500	0.8	37	60	MADR-011020
MASW-011021	HMIC Silicon PIN Diode SPDT Switch	6000	14000	0.7	34	60	MADR-011020
MASW-011036	Ka-Band High Power Terminated SPDT PIN Switch, 26-40 GHz	26000	40000	0.7	40		MADR-011020
MASW-011094		24000	37000	0.6	26		MADR-011020
MASW-011098	Packaged High Power 26-40GHz Reflective SPDT PIN Switch	26000	40000	1.17	38		MADR-011020
MASW-001150-1316	HMIC PIN Diode,50W	45	2500	0.3	65	40	MADR-011020
MA4SW110	HMIC™ Silicon PIN Diode Switches	50	26500	0.6	53	40	MADR-011020
MA4SW210	HMIC™ Silicon PIN Diode Switches	50	26500	0.6	53	40	MADR-011020
MA4SW310	HMIC™ Silicon PIN Diode Switches	50	26500	0.6	53	40	MADR-011020
MA4SW210B-1	HMIC PIN Diode with Bias	2000	26000	1.2	48	40	MADR-011020
MA4SW310B-1	HMIC PIN Diode with Bias	2000	26000	1.2	48	40	MADR-011020
MASW-001100-1190	HMIC™ Silicon PIN Diode Switches	50	20000	0.3	65	40	MADR-011020
MASW-002100-1190	HMIC™ Silicon PIN Diode Switches	50	20000	0.3	65	40	MADR-011020
MASW-003100-1190	HMIC™ Silicon PIN Diode Switches	50	20000	0.3	65	40	MADR-011020
MASW-011052	HMIC Silicon PIN Diode SP2T Switch with Integrated Bias Network	2000	18000	0.8		43	MADR-011020
MASW-001150-1316	SURMOUNT PIN Diode Switch Element with Thermal Terminal	45	2500	0.3	65	40	MADR-011020

Part Number	Short Description	Min Frequency (MHz)	Max Frequency (MHz)	Insertion Loss (dB)	Isolation (dB)	IIP3 (dBm)	IP1dB (dBm)	Compatible Driver
MASW-011071	20 W HMIC™ Silicon PIN Diode Terminated SPDT Switch	8000	10500	1	38	60	44	MADR-011022
MA4AGSW1	SPST Reflective AlGaAs PIN Diode Switch RoHS Compliant	50	50000	0.2	43			MADR-011022
MA4AGSW2	SP2T AlGaAs PIN Diode Switch	50	50000	0.8	42	40		MADR-011022
MA4AGSW3	SP3T AlGaAs PIN Diode Switch	50	50000	0.8	42	40		MADR-011022
MA4AGSW4	SP4T AlGaAs PIN Diode Switch	50	50000	0.8	42	40		MADR-011022
MA4AGSW5	SP5T AlGaAs PIN Diode Switch	50	50000	0.8	42	40		MADR-011022
MA4AGSW8-1	SP8T AlGaAs PIN Diode Switch	50	50000	0.8	42	40		MADR-011022
MA4SW4100	HMIC™ Silicon SP4T PIN Diode Switch	50	26500	0.3	65	40		MADR-011022
MASW-002103	HMIC™ SP2T SURMOUNT CHIP	50	20000	1.25	40			MADR-011022
MASW-002102	HMIC™ SP2T SURMOUNT CHIP with Integrated Bias Network	50	20000	1.25	40			MADR-011022

Part Number	Short Description	Compatible Driver
MASW-011077	200 W CW High Power SP4T Switch	MADR-011021
MASW-011112	200 W CW High Power SP4T Switch	MADR-011022
MASW-011061	125 W CW High Power SP2T Switch	MADR-011021

Switch Part Number	Short Description	Compatible MACOM Driver Part #	Short Description
MASW-011077	200 W CW High Power SP4T Switch	MADR-011021	4 CH, 10 V to 200 V Driver for High Power PIN Diode Switches +200V/1mA Sourcing ,600mA Sinking current capability
MASW-011061	125 W CW High Power SP2T Switch	MADR-011021	4 CH, 10 V to 200 V Driver for High Power PIN Diode Switches +200V/1mA Sourcing ,600mA Sinking current capability
MASW-011071	20 W HMIC™ Silicon PIN Diode Terminated SPDT Switch	MADR-011022	Negative 10 V to Negative 25 V with 20 mA of sourcing current and 25 mA of sinking current capable Driver for Low Power PIN Diode Switches
MA4AGSW1	SPST Reflective AlGaAs PIN Diode Switch RoHS Compliant	MADR-011022	Negative 10 V to Negative 25 V with 20 mA of sourcing current and 25 mA of sinking current capable Driver for Low Power PIN Diode Switches
MA4AGSW2	SP2T AlGaAs PIN Diode Switch	MADR-011022	Negative 10 V to Negative 25 V with 20 mA of sourcing current and 25 mA of sinking current capable Driver for Low Power PIN Diode Switches
MA4AGSW3	SP3T AlGaAs PIN Diode Switch	MADR-011022	Negative 10 V to Negative 25 V with 20 mA of sourcing current and 25 mA of sinking current capable Driver for Low Power PIN Diode Switches
MA4AGSW4	SP4T AlGaAs PIN Diode Switch	MADR-011022	Negative 10 V to Negative 25 V with 20 mA of sourcing current and 25 mA of sinking current capable Driver for Low Power PIN Diode Switches
MA4AGSW5	SP5T AlGaAs PIN Diode Switch	MADR-011022	Negative 10 V to Negative 25 V with 20 mA of sourcing current and 25 mA of sinking current capable Driver for Low Power PIN Diode Switches
MA4AGSW8-1	SP8T AlGaAs PIN Diode Switch	MADR-011022	Negative 10 V to Negative 25 V with 20 mA of sourcing current and 25 mA of sinking current capable Driver for Low Power PIN Diode Switches
MA4SW4100	HMIC™ Silicon SP4T PIN Diode Switch	MADR-011022	Negative 10 V to Negative 25 V with 20 mA of sourcing current and 25 mA of sinking current capable Driver for Low Power PIN Diode Switches
MASW-002103	HMIC™ SP2T SURMOUNT CHIP	MADR-011022	Negative 10 V to Negative 25 V with 20 mA of sourcing current and 25 mA of sinking current capable Driver for Low Power PIN Diode Switches
MASW-002102	HMIC™ SP2T SURMOUNT CHIP with Integrated Bias Network	MADR-011022	Negative 10 V to Negative 25 V with 20 mA of sourcing current and 25 mA of sinking current capable Driver for Low Power PIN Diode Switches
MASW-010646	Ka-Band High Power Reflective SPDT PIN Switch	MADR-011020	Negative 20 V to Negative 50 V with 50 mA of sourcing and sink current capable Driver for AlGaAs PIN Diode & Moderate power HMIC Switches
MASW-010647	20W HMIC™ Silicon PIN Diode Terminated SPDT Switch	MADR-011020	Negative 20 V to Negative 50 V with 50 mA of sourcing and sink current Driver for AlGaAs PIN Diode & Moderate power HMIC Switches
MASW-011021	HMIC Silicon PIN Diode SPDT Switch	MADR-011020	Negative 20 V to Negative 50 V with 50 mA of sourcing and sink current Driver for AlGaAs PIN Diode & Moderate power HMIC Switches
MASW-011036	Ka-Band High Power Terminated SPDT PIN Switch, 26-40 GHz	MADR-011020	Negative 20 V to Negative 50 V with 50 mA of sourcing and sink current Driver for AlGaAs PIN Diode & Moderate power HMIC Switches

MASW-011094	Ka-Band High Power Terminated SPDT PIN Switch	MADR-011020	Negative 20 V to Negative 50 V with 50 mA of sourcing and sink current Driver for AlGaAs PIN Diode & Moderate power HMIC Switches
MASW-011098	Packaged High Power 26-40GHz Reflective SPDT PIN Switch	MADR-011020	Negative 20 V to Negative 50 V with 50 mA of sourcing and sink current Driver for AlGaAs PIN Diode & Moderate power HMIC Switches
MASW-001150-1316	HMIC PIN Diode,50W	MADR-011020	Negative 20 V to Negative 50 V with 50 mA of sourcing and sink current Driver for AlGaAs PIN Diode & Moderate power HMIC Switches
MA4SW110	HMIC™ Silicon PIN Diode Switches	MADR-011020	Negative 20 V to Negative 50 V with 50 mA of sourcing and sink current Driver for AlGaAs PIN Diode & Moderate power HMIC Switches
MA4SW210	HMIC™ Silicon PIN Diode Switches	MADR-011020	Negative 20 V to Negative 50 V with 50 mA of sourcing and sink current Driver for AlGaAs PIN Diode & Moderate power HMIC Switches
MA4SW310	HMIC™ Silicon PIN Diode Switches	MADR-011020	Negative 20 V to Negative 50 V with 50 mA of sourcing and sink current Driver for AlGaAs PIN Diode & Moderate power HMIC Switches
MA4SW210B-1	HMIC PIN Diode with Bias	MADR-011020	Negative 20 V to Negative 50 V with 50 mA of sourcing and sink current Driver for AlGaAs PIN Diode & Moderate power HMIC Switches
MA4SW310B-1	HMIC PIN Diode with Bias	MADR-011020	Negative 20 V to Negative 50 V with 50 mA of sourcing and sink current Driver for AlGaAs PIN Diode & Moderate power HMIC Switches
MASW-001100-1190	HMIC™ Silicon PIN Diode Switches	MADR-011020	Negative 20 V to Negative 50 V with 50 mA of sourcing and sink current Driver for AlGaAs PIN Diode & Moderate power HMIC Switches
MASW-002100-1190	HMIC™ Silicon PIN Diode Switches	MADR-011020	Negative 20 V to Negative 50 V with 50 mA of sourcing and sink current Driver for AlGaAs PIN Diode & Moderate power HMIC Switches
MASW-003100-1190	HMIC™ Silicon PIN Diode Switches	MADR-011020	Negative 20 V to Negative 50 V with 50 mA of sourcing and sink current Driver for AlGaAs PIN Diode & Moderate power HMIC Switches
MASW-011052	HMIC Silicon PIN Diode SP2T Switch with Integrated Bias Network	MADR-011022	Negative 20 V to Negative 50 V with 50 mA of sourcing and sink current Driver for AlGaAs PIN Diode & Moderate power HMIC Switches
MASW-001150-1316	SURMOUNT PIN Diode Switch Element with Thermal Terminal	MADR-011020	Negative 20 V to Negative 50 V with 50 mA of sourcing and sink current Driver for AlGaAs PIN Diode & Moderate power HMIC Switches