



MH&W International Corp.
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 sales@mhw-intl.com



Small Signal Diodes

Article Number	Type	Package	Qualification	Config	Life Cycle	VRRM (V)	IFAV (A)	Tjmax (°C)	IFSM (A)	VF (V)
BAW56W-AQ	SMD	SOT-323	AEC-Q101	Common Anode	active	85	0.15	150	2	0.71
BAW56W-Q	SMD	SOT-323	AEC-Q compliant	Common Anode	engineering sample	85	0.15	150	2	0.71
BAW56W	SMD	SOT-323	Industrial Grade	Common Anode	active	85	0.15	150	2	0.71
BAS31-Q	SMD	SOT-23	AEC-Q compliant	Series	active	120	0.2	150	1	0.75
1N4148HPR13-AQ	SMD	DFN1006-2	AEC-Q101	Single	engineering sample	100	0.25	150	1	0.855
1N4148HPR13	SMD	DFN1006-2	Industrial Grade	Single	engineering sample	100	0.25	150	1	0.855
1N4448HPR13-AQ	SMD	DFN1006-2	AEC-Q101	Single	engineering sample	100	0.25	150	1	0.855
1N4448HPR13	SMD	DFN1006-2	Industrial Grade	Single	engineering sample	100	0.25	150	1	0.855
1N4148	Axial	DO-35	Industrial Grade	Single	active	100	0.2	175	4	1
1N4148R	Axial	DO-35	Industrial Grade	Single	active	100	0.15	175	2	1
1N4148WS-Q	SMD	SOD-323F	AEC-Q compliant	Single	active	100	0.15	150	0.35	1
1N4151	Axial	DO-35	Industrial Grade	Single	active	75	0.2	175	2	1
1N4448	Axial	DO-35	Industrial Grade	Single	active	100	0.2	175	4	1
1SS5004WS	SMD	SOD-323F	Industrial Grade	Single	active	400	0.22	150	2	1
BAS9116	SMD	DFN1006-2	Industrial Grade	Single	engineering sample	85	0.215	150	4	1
BAS9116R13	SMD	DFN1006-2	Industrial Grade	Single	engineering sample	85	0.215	150	4	1
BAV19	Axial	DO-35	Industrial Grade	Single	active	100	0.25	200	5	1
BAV20	Axial	DO-35	Industrial Grade	Single	active	150	0.25	200	5	1
BAV21	Axial	DO-35	Industrial Grade	Single	active	200	0.25	200	5	1
BAV70DW-AQ	SMD	SOT-363	AEC-Q101	Common Cathode	engineering sample	100	0.2	150	0.5	1
BAV70DW	SMD	SOT-363	Industrial Grade	Common Cathode	active	100	0.2	150	0.5	1
BAV756DW	SMD	SOT-363	Industrial Grade	Common Anode+Cathode	active	90	0.2	150	0.5	1
L276	SMD	SOT-23	AEC-Q101	Single	active	100	0.2	150	0.5	1
LL4148-Q	SMD	SOD-80	AEC-Q compliant	Single	active	100	0.15	175	2	1
LL4148	SMD	SOD-80	Industrial Grade	Single	active	100	0.15	175	2	1
LL4148R13	SMD	SOD-80	Industrial Grade	Single	active	100	0.15	175	2	1
LL4151	SMD	SOD-80	Industrial Grade	Single	active	75	0.2	175	2	1
LL4448	SMD	SOD-80	Industrial Grade	Single	active	100	0.15	175	2	1
LL4448R13	SMD	SOD-80	Industrial Grade	Single	active	100	0.15	175	2	1



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LS4148	SMD	Quadro SOD-80	Industrial Grade	Single	end of life	100	0.15	175	0.5	1
LS4448	SMD	Quadro SOD-80	Industrial Grade	Single	end of life	100	0.15	175	0.5	1
MCL4448	SMD	Quadro MicroMelf	Industrial Grade	Single	end of life	100	0.15	175	0.5	1
MMBD4448SDW-AQ	SMD	SOT-363	AEC-Q101	Bridge	engineering sample	75	0.15	150	0.5	1
MMBD4448SDW-Q	SMD	SOT-363	AEC-Q compliant	Bridge	engineering sample	75	0.15	150	0.5	1
MMBD4448SDW	SMD	SOT-363	Industrial Grade	Bridge	active	75	0.15	150	0.5	1
BAS521WT-AQ	SMD	SOD-523	AEC-Q101	Single	engineering sample	300	0.225	150	4	1.1
1N4150	Axial	DO-35	Industrial Grade	Single	active	50	0.3	175	4	1.2
LL4150	SMD	SOD-80	Industrial Grade	Single	active	50	0.3	175	4	1.2
1N4148W-AQ	SMD	SOD-123F	AEC-Q101	Single	active	100	0.15	150	1	1.25
1N4148W-Q	SMD	SOD-123F	AEC-Q compliant	Single	active	100	0.15	150	1	1.25
1N4148W	SMD	SOD-123F	Industrial Grade	Single	active	100	0.15	150	1	1.25
1N4148WGW-AQ	SMD	SOD-123	AEC-Q101	Single	engineering sample	100	0.15	150	2	1.25
1N4148WGW	SMD	SOD-123	Industrial Grade	Single	active	100	0.15	150	1	1.25
1N4148WP	SMD	SOD-123P	Industrial Grade	Single	engineering sample	100	0.15	150	1	1.25
1N4148WS-AQ	SMD	SOD-323F	AEC-Q101	Single	active	100	0.15	150	0.35	1.25
1N4148WS	SMD	SOD-323F	Industrial Grade	Single	active	100	0.15	150	0.35	1.25
1N4148WSGW	SMD	SOD-323	Industrial Grade	Single	active	100	0.15	125	2	1.25
1N4148WSR13	SMD	SOD-323F	Industrial Grade	Single	active	100	0.15	150	0.35	1.25
1N4148WT-AQ	SMD	SOD-523	AEC-Q101	Single	active	100	0.125	150	2	1.25
1N4148WT-Q	SMD	SOD-523	AEC-Q compliant	Single	active	100	0.125	150	2	1.25
1N4148WT	SMD	SOD-523	Industrial Grade	Single	active	100	0.125	150	2	1.25
1N4448W-AQ	SMD	SOD-123F	AEC-Q101	Single	active	100	0.15	150	1	1.25
1N4448W	SMD	SOD-123F	Industrial Grade	Single	active	100	0.15	150	1	1.25
1N4448WS-AQ	SMD	SOD-323F	AEC-Q101	Single	engineering sample	100	0.15	150	0.35	1.25
1N4448WS	SMD	SOD-323F	Industrial Grade	Single	active	100	0.15	150	0.35	1.25
1N4448WSGW	SMD	SOD-323	Industrial Grade	Single	active	100	0.25	125	2	1.25
BAS16-AQ	SMD	SOT-23	AEC-Q101	Single	active	85	0.21	150	1	1.25
BAS16-Q	SMD	SOT-23	AEC-Q compliant	Single	active	85	0.215	150	2	1.25
BAS16	SMD	SOT-23	Industrial Grade	Single	active	85	0.21	150	2	1.25



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BAS16DW-AQ	SMD	SOT-363	AEC-Q101	Triple	active	75	0.2	150	1	1.25
BAS16DW	SMD	SOT-363	Industrial Grade	Triple	active	75	0.2	150	1	1.25
BAS16W-Q	SMD	SOT-323	AEC-Q compliant	Single	engineering sample	85	0.15	150	0.5	1.25
BAS16W	SMD	SOT-323	Industrial Grade	Single	active	85	0.15	150	0.5	1.25
BAS16WH-AQ	SMD	SOD-123F	AEC-Q101	Single	active	100	0.215	150	1	1.25
BAS16WH	SMD	SOD-123F	Industrial Grade	Single	active	100	0.215	150	1	1.25
BAS19-AQ	SMD	SOT-23	AEC-Q compliant	Single	engineering sample	120	0.2	150	0.5	1.25
BAS19-Q	SMD	SOT-23	AEC-Q compliant	Single	engineering sample	120	0.2	150	0.5	1.25
BAS19	SMD	SOT-23	Industrial Grade	Single	active	120	0.2	150	0.5	1.25
BAS20-AQ	SMD	SOT-23	AEC-Q101	Single	engineering sample	200	0.2	150	0.5	1.25
BAS20	SMD	SOT-23	Industrial Grade	Single	active	200	0.2	150	0.5	1.25
BAS21-AQ	SMD	SOT-23	AEC-Q101	Single	active	250	0.2	150	0.5	1.25
BAS21-Q	SMD	SOT-23	AEC-Q compliant	Single	active	250	0.2	150	0.5	1.25
BAS216WT-AQ	SMD	SOD-523	AEC-Q101	Single	active	85	0.15	150	4	1.25
BAS216WT-Q	SMD	SOD-523	AEC-Q compliant	Single	active	85	0.15	150	0.5	1.25
BAS216WT	SMD	SOD-523	Industrial Grade	Single	active	85	0.15	150	0.5	1.25
BAS21	SMD	SOT-23	Industrial Grade	Single	active	250	0.2	150	0.5	1.25
BAS21W-AQ	SMD	SOT-323	AEC-Q101	Single	active	250	0.2	150	2.5	1.25
BAS21W-Q	SMD	SOT-323	AEC-Q compliant	Single	active	250	0.2	150	2.5	1.25
BAS21W	SMD	SOT-323	Industrial Grade	Single	active	250	0.2	150	2.5	1.25
BAS21WR13	SMD	SOT-323	Industrial Grade	Single	active	250	0.2	150	2.5	1.25
BAS299	SMD	SOT-23	Industrial Grade	Dual	active	100	0.25	150	8	1.25
BAS31-AQ	SMD	SOT-23	AEC-Q101	Series	engineering sample	120	0.2	150	1	1.25
BAS316WS-AQ	SMD	SOD-323	AEC-Q101	Single	active	100	0.25	150	2	1.25
BAS316WS-Q	SMD	SOD-323F	AEC-Q compliant	Single	engineering sample	100	0.25	150	2	1.25
BAS316WS	SMD	SOD-323F	Industrial Grade	Single	active	100	0.25	150	2	1.25
BAS316WSF-AQ	SMD	SOD-323F	AEC-Q101	Single	engineering sample	100	0.25	150	2	1.25
BAS316WSR13-AQ	SMD	SOD-323	AEC-Q101	Single	active	100	0.25	150	2	1.25
BAS316WSR13	SMD	SOD-323F	Industrial Grade	Single	active	100	0.25	150	2	1.25
BAS316WT-AQ	SMD	SOD-523	AEC-Q101	Single	active	100	0.25	150	0.5	1.25



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BAS316WT-Q	SMD	SOD-523	AEC-Q compliant	Single	engineering sample	100	0.25	150	0.5	1.25
BAS316WT	SMD	SOD-523	Industrial Grade	Single	active	100	0.25	150	0.5	1.25
BAS31	SMD	SOT-23	Industrial Grade	Series	active	120	0.2	150	1	1.25
BAS31R13	SMD	SOT-23	Industrial Grade	Series	active	120	0.2	150	1	1.25
BAS35	SMD	SOT-23	Industrial Grade	Common Anode	active	120	0.2	150	1	1.25
BAV103G	SMD	SOD-80	Industrial Grade	Single	active	250	0.25	175	-	1.25
BAV199-AQ	SMD	SOT-23	AEC-Q101	Series	active	85	0.14	150	0.5	1.25
BAV199-Q	SMD	SOT-23	AEC-Q compliant	Series	engineering sample	85	0.14	150	2	1.25
BAV199	SMD	SOT-23	Industrial Grade	Series	active	85	0.14	150	2	1.25
BAV199W-AQ	SMD	SOT-323	AEC-Q101	Series	active	85	0.14	150	0.5	1.25
BAV199W	SMD	SOT-323	Industrial Grade	Series	active	85	0.14	150	0.5	1.25
BAV19WS-AQ	SMD	SOD-323F	AEC-Q101	Single	active	120	0.2	150	0.5	1.25
BAV19WS	SMD	SOD-323F	Industrial Grade	Single	active	120	0.2	150	0.5	1.25
BAV20WS-AQ	SMD	SOD-323F	AEC-Q101	Single	engineering sample	200	0.2	150	0.5	1.25
BAV20WS-Q	SMD	SOD-323F	AEC-Q compliant	Single	active	200	0.2	150	0.5	1.25
BAV20WS	SMD	SOD-323F	Industrial Grade	Single	active	200	0.2	150	0.5	1.25
BAV21WS-AQ	SMD	SOD-323F	AEC-Q101	Single	active	250	0.2	150	0.5	1.25
BAV21WS-Q	SMD	SOD-323F	AEC-Q compliant	Single	active	250	0.2	150	0.5	1.25
BAV21WS	SMD	SOD-323F	Industrial Grade	Single	active	250	0.2	150	0.5	1.25
BAV23CA-Q	SMD	SOT-23	AEC-Q compliant	Common Anode	active	250	0.22	150	1.7	1.25
BAV23CA	SMD	SOT-23	Industrial Grade	Common Anode	active	250	0.22	150	1.7	1.25
BAV23CC-AQ	SMD	SOT-23	AEC-Q101	Common Cathode	engineering sample	250	0.22	150	1.7	1.25
BAV23CC	SMD	SOT-23	Industrial Grade	Common Cathode	active	250	0.22	150	1.7	1.25
BAV23I	SMD	SOT-23	Industrial Grade	Single	active	250	0.22	150	1.7	1.25
BAV23SE-Q	SMD	SOT-23	AEC-Q compliant	Series	active	250	0.22	150	1.7	1.25
BAV23SE	SMD	SOT-23	Industrial Grade	Series	active	250	0.22	150	1.7	1.25
BAV70-AQ	SMD	SOT-23	AEC-Q101	Common Cathode	active	100	0.21	150	2	1.25
BAV70-C	SMD	SOT-23	Commercial Grade	Common Cathode	engineering sample	70	0.21	150	2	1.25
BAV70-Q	SMD	SOT-23	AEC-Q compliant	Common Cathode	active	100	0.21	150	2	1.25
BAV70	SMD	SOT-23	Industrial Grade	Common Cathode	active	100	0.21	150	2	1.25



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BAV70W-AQ	SMD	SOT-323	AEC-Q101	Common Cathode	active	100	0.17	150	0.5	1.25
BAV70W-Q	SMD	SOT-323	AEC-Q compliant	Common Cathode	active	100	0.17	150	0.5	1.25
BAV70W	SMD	SOT-323	Industrial Grade	Common Cathode	active	100	0.17	150	0.5	1.25
BAV99-AQ	SMD	SOT-23	AEC-Q101	Series	active	85	0.21	150	0.5	1.25
BAV99-C	SMD	SOT-23	Commercial Grade	Series	active	70	0.21	150	2	1.25
BAV99-Q	SMD	SOT-23	AEC-Q compliant	Series	active	85	0.21	150	0.5	1.25
BAV99	SMD	SOT-23	Industrial Grade	Series	active	85	0.21	150	2	1.25
BAV99L-AQ	SMD	SOT-23	AEC-Q101	Series	active	100	0.215	150	2	1.25
BAV99L	SMD	SOT-23	Industrial Grade	Series	active	100	0.215	150	2	1.25
BAV99W-AQ	SMD	SOT-323	AEC-Q101	Series	active	85	0.2	150	0.5	1.25
BAV99W-C	SMD	SOT-323	Commercial Grade	Series	engineering sample	85	0.21	150	1	1.25
BAV99W-Q	SMD	SOT-323	AEC-Q compliant	Series	active	85	0.21	150	1	1.25
BAV99W	SMD	SOT-323	Industrial Grade	Series	active	85	0.2	150	0.5	1.25
BAV99WR13	SMD	SOT-323	Industrial Grade	Series	active	85	0.2	150	0.5	1.25
BAW56-AQ	SMD	SOT-23	AEC-Q101	Common Anode	engineering sample	85	0.21	150	2	1.25
BAW56-Q	SMD	SOT-23	AEC-Q compliant	Common Anode	active	85	0.21	150	2	1.25
BAW56	SMD	SOT-23	Industrial Grade	Common Anode	active	85	0.21	150	2	1.25