

# AVAGO Surface Mount and Thru-Hole LEDs



RoHS Compliant This product is RoHS compliant.

## AVAGO SURFACE MOUNT LEDs

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Avago Part No.	Package	Color		Forward Voltage	Illum. Intensity (typ.)(mcd)	Wavelength (nm)	Price Each			
			Source	Lens				1	10	50	100
630-HSMH-C190	HSMH-C190	0603	Red	Diffused	1.8	17	639	.22	.12	.08	.07
630-HSMS-C190	HSMS-C190	0603	Red	Diffused	2.1	10	626	.22	.12	.08	.07
630-HSMC-C190	HSMC-C190	0603	Red	Diffused	1.9	90	626	.38	.24	.16	.14
630-HSMA-C190	HSMA-C190	0603	Amber	Diffused	1.9	90	592	.38	.24	.16	.14
630-HSMY-C190	HSMY-C190	0603	Yellow	Diffused	2.1	8	586	.22	.12	.08	.07
630-HSMG-C190	HSMG-C190	0603	Green	Diffused	2.2	5	572	.22	.12	.08	.07
630-HSMQ-C191	HSMQ-C191	0603	Green	Diffused	3.4	145	527	.63	.55	.50	.45
630-HSMR-C190	HSMR-C190	0603	Blue	Diffused	3.4	55	473	1.08	.54	.36	.32
630-HSMF-C165	HSMF-C165	0603	Green/Red	Diffused	2.2/2.1	15/10	572/621	.33	.21	.14	.12
630-HSMH-C170	HSMH-C170	0805	Red	Diffused	1.8	17	639	.22	.12	.08	.07
630-HSMS-C170	HSMS-C170	0805	Red	Diffused	2.1	10	626	.22	.12	.08	.07
630-HSMC-C170	HSMC-C170	0805	Red	Diffused	1.9	90	626	.38	.24	.16	.14
630-HSMD-C170	HSMD-C170	0805	Orange	Diffused	2.2	8	604	.22	.12	.08	.07
630-HSMA-C170	HSMA-C170	0805	Amber	Diffused	1.9	90	592	.38	.24	.16	.14
630-HSMY-C170	HSMY-C170	0805	Yellow	Diffused	2.1	8	586	.22	.12	.08	.07
630-HSMG-C170	HSMG-C170	0805	Green	Diffused	2.2	15	572	.22	.12	.08	.07
630-HSMM-C170	HSMM-C170	0805	Green	Diffused	3.3	120	525	.83	.57	.50	.45
630-HSMR-C170	HSMR-C170	0805	Blue	Diffused	3.4	55	473	.60	.41	.36	.32
630-HSMN-C170	HSMN-C170	0805	Blue	Diffused	3.3	35	470	.63	.41	.36	.32
630-HSMB-C170	HSMB-C170	0805	Blue	Diffused	3.8	6	466	.83	.57	.50	.45
630-HSMH-C150	HSMH-C150	1206	Red	Diffused	1.8	17	639	.22	.12	.08	.07
630-HSMS-C150	HSMS-C150	1206	Red	Diffused	2.1	10	626	.22	.12	.08	.07
630-HSMD-C150	HSMD-C150	1206	Orange	Diffused	2.2	8	604	.22	.12	.08	.07
630-HSMY-C150	HSMY-C150	1206	Yellow	Diffused	2.1	8	586	.22	.12	.08	.07
630-HSMG-C150	HSMG-C150	1206	Green	Diffused	2.2	8	572	.22	.12	.08	.07
630-HSMQ-C150	HSMQ-C150	1206	Green	Diffused	3.4	145	527	.85	.56	.50	.43
630-HSMR-C150	HSMR-C150	1206	Blue	Diffused	3.4	55	473	.60	.41	.36	.32
630-HSMN-C150	HSMN-C150	1206	Blue	Diffused	3.3	35	470	.60	.41	.36	.315
630-HSMB-C150	HSMB-C150	1206	Blue	Diffused	3.8	6	466	.83	.57	.50	.45
630-HSMF-C155	HSMF-C155	1210	Green/Red	Diffused	2.2/2.1	15/10	572/626	.33	.21	.14	.12
630-HSMF-C156	HSMF-C156	1210	Green/Yellow	Diffused	2.2/2.1	15/8	572/586	.33	.21	.14	.123
630-HSMF-C118	HSMF-C118	1210	RGB	Diffused	1.9/3.5/3.5	40/120/40	626/525/470	1.14	.92	.90	.81
630-HSMC-C265	HSMC-C265	1305	Red	Non-diffused	1.9	75	626	.20	.198	.192	.16
630-HSMA-C265	HSMA-C265	1305	Amber	Non-diffused	1.9	75	592	.38	.24	.16	.14
630-HSMG-C265	HSMG-C265	1305	Green	Non-diffused	2.2	15	572	.20	.17	.168	.16
630-HSMZ-A100-R00J1	HSMZ-A100-R00J1	PLCC-2	Red	Epoxy	2.2	200	639	.59	.36	.264	.25
630-HSMS-A100-J00J1	HSMS-A100-J00J1	PLCC-2	Red	Epoxy	2.2	15	626	.21	.11	.08	.07
630-HSMC-A100-Q00J1	HSMC-A100-Q00J1	PLCC-2	Red	Epoxy	1.9	100	626	.27	.139	.10	.09
630-HSMC-A101-S00J1	HSMC-A101-S00J1	PLCC-2	Red	Epoxy	1.9	220	626	.40	.20	.13	.12
630-HSML-A101-S00J1	HSML-A101-S00J1	PLCC-2	Orange	Epoxy	1.9	220	605	.16	.14	.13	.12
630-HSMU-A100-R00J1	HSMU-A100-R00J1	PLCC-2	Amber	Epoxy	2.2	160	594	.57	.347	.254	.24
630-HSMG-A100-J02J1	HSMG-A100-J02J1	PLCC-2	Green	Epoxy	1.9	220	592	.21	.11	.08	.07
630-HSMA-A100-Q00J1	HSMA-A100-Q00J1	PLCC-2	Amber	Epoxy	1.9	100	590	.27	.139	.10	.09
630-HSMA-A101-S00J1	HSMA-A101-S00J1	PLCC-2	Amber	Epoxy	1.9	220	590	.44	.22	.15	.13
630-HSMM-A101-R00J1	HSMM-A101-R00J1	PLCC-2	Green	Epoxy	3.4	200	525	1.15	.86	.58	.52
630-HSMM-A100-S00J1	HSMM-A100-S00J1	PLCC-2	Green	Epoxy	3.4	350	525	1.26	.79	.66	.60
630-HSMN-A100-P00J1	HSMN-A100-P00J1	PLCC-2	Blue	Epoxy	3.4	50	470	1.03	.68	.54	.50
630-ASMC-PRB9-TV005	ASMC-PRB9-TV005	PLCC-4	Red	Epoxy	2.8	790	630	.68	.45	.30	.27
630-HSMH-C110	HSMH-C110	RA	Red	Non-diffused	1.8	17	639	.22	.12	.08	.07
630-HSMS-C110	HSMS-C110	RA	Red	Non-diffused	2.1	10	626	.22	.12	.08	.07
630-HSMA-C110	HSMA-C110	RA	Amber	Non-diffused	1.9	95	592	.45	.27	.23	.18
630-HSMY-C110	HSMY-C110	RA	Yellow	Non-diffused	2.1	10	586	.22	.12	.08	.07
630-HSMG-C110	HSMG-C110	RA	Green	Non-diffused	2.2	15	572	.22	.12	.08	.07
630-HSMR-C110	HSMR-C110	RA	Blue	Non-diffused	3.4	60	473	.60	.411	.36	.32

## AVAGO THRU-HOLE LEDs

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MOUSER STOCK NO.	Avago Part No.	Package	Color		Forward Voltage	Illum. Intensity (typ.)(mcd)	Wavelength (nm)	Price Each			
			Source	Lens				1	10	50	100
630-HLMP-K150	HLMP-K150	T1	Red	Tinted, Diffused	1.8	2	645	.47	.30	.25	.20
630-HLMP-K155	HLMP-K155	T1	Red	Water Clear	1.8	3	645	.57	.35	.30	.24
630-HLMP-K101	HLMP-K101	T1	Red	Tinted, Diffused	1.8	45	645	.47	.30	.25	.20
630-HLMP-K105	HLMP-K105	T1	Red	Water Clear	1.8	65	645	.38	.24	.20	.16
630-HLMP-NG07	HLMP-NG07	T1	Red	Non-diffused	1.9	90.2	645	.22	.16	.148	.136
630-HLMP-1600	HLMP-1600	T1	Red	Tinted, Diffused	5	2.1	635	.68	.42	.38	.29
630-HLMP-1600-D00A2	HLMP-1600-D00A2	T1	Red	Tinted, Diffused	5	2.1	635	.71	.50	.463	.425
630-HLMP-1601	HLMP-1601	T1	Red	Tinted, Diffused	12	2.2	635	.68	.42	.38	.29
630-HLMP-1700	HLMP-1700	T1	Red	Tinted, Diffused	1.7	2.3	635	.47	.30	.25	.20
630-HLMP-1700-B0002	HLMP-1700-B0002	T1	Red	Tinted, Diffused	1.7	2.3	635	.31	.22	.204	.187
630-HLMP-1700-B00A2	HLMP-1700-B00A2	T1	Red	Tinted, Diffused	1.7	2.3	635	.90	.60	.50	.40
630-HLMP-1301-E00A1	HLMP-1301-E00A1	T1	Red	Diffused	1.9	3.4	635	.72	.48	.40	.32
630-HLMP-1301-E00A2	HLMP-1301-E00A2	T1	Red	Diffused	1.9	3.4	635	.45	.32	.296	.272
630-HLMP-1321	HLMP-1321	T1	Red	Tinted, Non-diffused	1.9	30	635	.28	.18	.15	.12
630-HLMP-1340	HLMP-1340	T1	Red	Tinted, Non-diffused	1.9	30	635	.38	.24	.20	.16
630-HLMP-1301	HLMP-1301	T1	Red	Tinted, Diffused	1.9	3.4	635	.28	.18	.15	.12
630-HLMP-1301-E0002	HLMP-1301-E0002	T1	Red	Tinted, Diffused	1.9	3.4	635	.20	.14	.13	.119
630-HLMA-KH00-J0000	HLMA-KH00-J0000	T1	Amber	Untinted, Non-diffused	1.9	200	615	.81	.54	.45	.36
630-HLMP-NL06	HLMP-NL06	T1	Amber	Non-diffused	1.9	90.2	600	.40	.24	.20	.16
630-HLMP-1401	HLMP-1401	T1	Yellow	Tinted, Diffused	2	2.2	585	.28	.18	.15	.12
630-HLMP-1440	HLMP-1440	T1	Yellow	Tinted, Non-diffused	2	45	585	.38	.24	.20	.16
630-HLMP-1719	HLMP-1719	T1	Yellow	Tinted, Diffused	1.8	2.1	585	.47	.30	.25	.20
630-HLMP-1719-A00A2	HLMP-1719-A00A2	T1	Yellow	Tinted, Diffused	1.8	2.1	585	.90	.60	.50	.40
630-HLMP-1620	HLMP-1620	T1	Yellow	Tinted, Diffused	5	2.2	585	.68	.42	.38	.29
630-HLMP-1621	HLMP-1621	T1	Yellow	Tinted, Diffused	12	2.2	585	.73	.448	.40	.309

