



AllInGaP Surface Mount LEDs

Fig.	Description	Emitted Color	Lens	Peak Wavelength (nm)	Vf (V) Typ.	If (mA) Max.	Io (mcd)	Viewing Angle (2x Theta)	Digi-Key Part No.	Cut Tape Price Each			Digi-Key Part No.	Tape and Reel		Lumex Part No.
										1	10	100		Qty.	Pricing	
2	0603	Super Intensity Red	White Diffused	636	2.0	30	60	140	67-1690-1-ND	.85	.66	.48	67-1690-2-ND	4,000	228.92/M	SML-LX0603SIW-TR
	0603	Super Orange	White Diffused	610	2.0	30	60	140	67-1691-1-ND	.85	.66	.48	67-1691-2-ND	4,000	228.92/M	SML-LX0603SOW-TR
	0603	Super Yellow	White Diffused	590	2.0	30	60	140	67-1694-1-ND	.92	.71	.51	67-1694-2-ND	4,000	258.10/M	SML-LX0603SYW-TR
	0603	Super Ultra Green	White Diffused	574	2.2	25	45	140	67-1693-1-ND	1.12	.87	.62	67-1693-2-ND	4,000	314.21/M	SML-LX0603SUGW-TR
3	0805	Super Red	Water Clear	636	2.0	30	60	140	67-1636-1-ND	.75	.58	.42	67-1636-2-ND	3,000	201.99/M	SML-LX0805SIC-TR
	0805	Super Orange	Water Clear	610	2.0	30	60	140	67-1637-1-ND	.75	.58	.42	67-1637-2-ND	3,000	201.99/M	SML-LX0805SOC-TR
	0805	Ultra Green	Water Clear	525	3.5	30	45	140	67-1640-1-ND	6.52	5.44	3.95	67-1640-2-ND	3,000	2468.76/M	SML-LX0805UPGC-TR
	0805	Super Blue	Water Clear	470	3.5	30	25	140	67-1638-1-ND	3.93	3.28	2.38	67-1638-2-ND	3,000	1486.87/M	SML-LX0805USBC-TR
5	1206	Super Intensity Red	Water Clear	636	2.0	30	70	140	67-1695-1-ND	.48	.37	.24	67-1695-2-ND	3,000	113.34/M	SML-LX1206SIC-TR
	1206	Super Orange	Water Clear	610	2.0	30	70	140	67-1696-1-ND	.76	.59	.43	67-1696-2-ND	3,000	205.36/M	SML-LX1206SOC-TR
	1206	Super Yellow	Water Clear	590	2.0	30	70	140	67-1699-1-ND	.92	.71	.51	67-1699-2-ND	3,000	258.10/M	SML-LX1206SYC-TR
	1206	Super Ultra Green	Water Clear	574	2.2	25	45	140	67-1698-1-ND	1.37	1.10	.76	67-1698-2-ND	3,000	402.86/M	SML-LX1206SUGC-TR
7	1210	Red/Green	Water Clear	660/565	1.7/2.2	30/25	15/10	160	67-1703-1-ND	1.17	.90	.64	67-1703-2-ND	3,000	325.43/M	SML-LX1210SRSGC-TR
8	2832	Super Intensity Red	Water Clear	636	2.0	30	250	120	67-1705-1-ND	1.01	.78	.56	67-1705-2-ND	2,000	282.79/M	SML-LX2832SIC-TR
	2832	Super Yellow	Water Clear	590	2.0	30	140	120	67-1708-1-ND	1.02	.79	.56	67-1708-2-ND	2,000	283.91/M	SML-LX2832SYC-TR
	2832	Super Ultra Green	Water Clear	574	2.2	25	150	120	67-1707-1-ND	1.02	.79	.56	67-1707-2-ND	2,000	283.91/M	SML-LX2832SUGC-TR
12	0.5 x 3.2mm	Red	Water Clear	636	2.0	25	70	160	67-1710-1-ND	.83	.64	.46	67-1710-2-ND	3,000	222.19/M	SML-LXR85SIC-TR
	0.5 x 3.2mm	Yellow	Water Clear	590	2.0	25	50	160	67-1714-1-ND	1.03	.80	.57	67-1714-2-ND	3,000	289.52/M	SML-LXR85SYC-TR
	0.5 x 3.2mm	Green	Water Clear	574	2.2	25	45	160	67-1713-1-ND	1.10	.85	.61	67-1713-2-ND	3,000	306.35/M	SML-LXR85SUGC-TR
14	2.0 x 3.0mm	Super Intensity Red	Water Clear	636	2.0	30	300	90	67-1722-1-ND	1.35	1.04	.75	67-1722-2-ND	2,000	377.05/M	SML-LX23SIC-TR
	2.0 x 3.0mm	Super Yellow	Water Clear	590	2.0	30	200	90	67-1725-1-ND	1.35	1.04	.75	67-1725-2-ND	2,000	377.05/M	SML-LX23SYC-TR
	2.0 x 3.0mm	Super Ultra Green	Water Clear	574	2.2	25	80	90	67-1724-1-ND	1.56	1.25	.87	67-1724-2-ND	2,000	461.21/M	SML-LX23SUGC-TR
15	2.0 x 2.5mm	Super Intensity Red	Water Clear	636	2.0	30	475	25	67-1727-1-ND	1.14	.89	.63	67-1727-2-ND	1,000	343.38	SSL-LXA228SIC-TR11
	2.0 x 2.5mm	Super Orange	Water Clear	610	2.0	30	700	25	67-1728-1-ND	1.14	.89	.63	67-1728-2-ND	1,000	343.38	SSL-LXA228SOC-TR11
	2.0 x 2.5mm	Super Yellow	Water Clear	590	2.0	30	300	25	67-1730-1-ND	.92	.71	.51	67-1730-2-ND	1,000	276.05	SSL-LXA228SYC-TR11
	2.0 x 2.5mm	Super Green	Water Clear	575	2.2	25	200	25	67-1729-1-ND	.80	.62	.45	67-1729-2-ND	1,000	235.65	SSL-LXA228SUGC-TR11
18	RA	Super Green	Green Diffused	565	2.2	30	150	60	67-1742-1-ND	1.51	1.22	.85	67-1742-2-ND	1,000	472.43	SSF-LXH305SUGD-TR
24	0402	Red	Water Clear	636	2.0	30	140	120	67-1878-1-ND	.64	.49	.36	67-1878-2-ND	2,000	170.57/M	SML-LX0402SIC-TR
	0402	Orange	Water Clear	610	2.0	30	120	120	67-1879-1-ND	.74	.57	.37	67-1879-2-ND	2,000	173.94/M	SML-LX0402SOC-TR
	0402	Super Yellow	Water Clear	590	2.0	30	60	120	67-1880-1-ND	.64	.49	.36	67-1880-2-ND	2,000	170.57/M	SML-LX0402SYC-TR
	0402	Green	Water Clear	574	2.2	25	45	120	67-1881-1-ND	1.14	.89	.63	67-1881-2-ND	2,000	320.94/M	SML-LX0402SUGC-TR

◆ RoHS Compliant

InGaN Surface Mount LEDs

Fig.	Description	Emitted Color	Lens	Peak Wavelength (nm)	Vf (V) Typ.	If (mA) Max.	Io (mcd)	Viewing Angle (2x Theta)	Digi-Key Part No.	Cut Tape Price Each			Digi-Key Part No.	Tape and Reel		Lumex Part No.
										1	10	100		Qty.	Pricing	
5	1206	Ultra White	Yellow Diffused	550	3.5	30	90	140	67-1866-1-ND	3.34	3.00	1.94	67-1866-2-ND	3,000	1145.73/M	SML-LX1206UWW-TR
	1206	Ultra Super Blue	Water Clear	470	3.5	25	25	140	67-1701-1-ND	2.61	2.35	1.52	67-1701-2-ND	3,000	895.49/M	SML-LX1206USBC-TR
8	2832	Ultra Super Blue	Water Clear	470	3.5	30	60	120	67-1709-1-ND	2.61	2.35	1.52	67-1709-2-ND	2,000	895.49/M	SML-LX2832USBC-TR
12	0.5 x 3.2mm	Blue	Water Clear	470	3.5	25	30	160	67-1716-1-ND	2.61	2.35	1.52	67-1716-2-ND	3,000	895.49/M	SML-LXR85USBC-TR
14	2.0 x 3.0mm	Ultra Super Blue	Water Clear	470	3.5	30	60	90	67-1726-1-ND	2.61	2.35	1.52	67-1726-2-ND	2,000	895.49/M	SML-LX23USBC-TR
15	2.0 x 2.5mm Gull Wing	Ultra Super Blue	Water Clear	470	3.5	30	250	25	67-1731-1-ND	2.61	2.35	1.52	67-1731-2-ND	1,000	947.10	SSL-LXA228USBC-TR11
18	T-1 RA	Ultra Super Blue	Blue Diffused	470	3.5	30	80	60	67-1746-1-ND	3.30	2.76	2.01	—	—	—	SSF-LXH305USBD-TR

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