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[Chemicals & Solutions](#)

Jameco Part #	Manufacturer	Manufacturer Part #	Description	Volume (fl. oz.)	Price 1
2246653	Caig Labs/Deoxit	CL-ETCH-16	Ferric Chloride PCB Etchant Solution 16oz Bottle	16	\$12.95
616438	GC Electronics	22-238	PC Board Etching Solution 32 Oz. Bottle	32	\$19.95
2188262	MG Chemicals	415-1L	33 oz. Ferric Chloride Copper Etchant Solution	33	\$17.95
2188289	MG Chemicals	824-1L	Liquid Isopropyl Alcohol 99.9% Pure Anhydrous 1-Liter	34	\$15.95



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[Color TFT Modules](#)

Jameco Part #	Manufacturer	Manufacturer Part #	Resolution	Interface	Display Mode	Color	Backlighting	Price 1
2215232	Adafruit Industries	1947	320x240	SPI or IC	TFT	262K	LED	\$44.49
2278271	Velleman	VMP400	480x320	SPI	TFT	Y	LED	\$37.95
2285247	Hantronix	HDA5001-GH1	800x480	Digital RGB 8 Bits/ Color	TFT	16.7M	Y	\$39.95
2255390	EarthLCD	OF-8.0-M5	800x600	VGA	TFT	262K	LED	\$209.95



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[Crystal Oscillator Sockets](#)

Jameco Part #	Manufacturer	Manufacturer Part #	No. of Contacts	Row Centerline (Inch)	Device Type Used On	Contact Style	Price 1
133006	Jameco Valuepro	2001-2X7-4CP	4	0.3	Full Can Oscillator	Machined	\$0.65
676385	Jameco Valuepro	240434	4	0.3	Half Can Oscillator	Machined	\$0.59



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[Discrete LEDs-Backlight](#)

Jameco Part #	Manufacturer	Manufacturer Part #	LED Display Type	Color	Lens Type	Package	Wavelength	Luminous Flux	Viewing Angle (deg)	Forward Voltage - Vf (Typ.)	Forward Current - If (Typ.)	Power Rating	Price 1
2222580	Jameco Valuepro	1W-RED-VP	Discrete High Power	Red	Water Clear Dome	Lambertian						1W	\$0.49
2305647	Jameco Valuepro	PY3W-H-PW6C-B	High Power	Blue	Water Clear Dome	Star Board 20mm	470 nm	50 lm	120	3.3	650 nm	3W	\$1.59
2305639	Jameco Valuepro	PY3W-H-PW6C-G	High Power	Green	Water Clear Dome	Star Board 20mm	530 nm	155 lm	120	3.3	650 nm	3W	\$1.59
2305655	Jameco Valuepro	PY3W-H-PW6C-R	High Power	Red	Water Clear Dome	Star Board 20mm	630 nm	100 lm	120	2.0	650 nm	3W	\$1.59
2285119	Cree	CXA-2011-0000-P00H035H	High Power	Warm White	Yellow Tint	Square Board	3500 K	900 lm	120	40	270 mA		\$2.95
2096843	MCD Electronics	MCDL-L20-350HPCWS	High Power	White	Water Clear	Star Board	6000 K	90 lm	140	3.6	350 mA	1W	\$5.49
2305631	Jameco Valuepro	PY3W-H-PW6C-W8	High Power	White	Water Clear Dome	Star Board 20mm	6300 K	200 lm	160	3.3	350 mA	1W	\$1.59
2179374	Evluma	LED-DISK-ASSY	LED Module	White	Water Clear	PCB 4x4 LED	3000 K	2160 lm	110	3.1	700 mA x16	9.5W x16	\$2.95
2222571	Jameco Valuepro	3W-RGB-VP	Star 20mm	RGB	Water Clear Dome	Star Board		190 lm		2.5 - 3.6	750 mA	3W	\$2.95



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[Discrete LEDs-Infrared LEDs Phototransistors](#)

Jameco Part #	Manufacturer	Manufacturer Part #	Product Type	Package	Polarity	Maximum Collector Emitter Voltage	Maximum Emitter Collector Voltage	Price 1
2109691	Parallax	350-00014	IR Receiver	3-pin	n/a	n/a	n/a	\$1.29
2229351	Vishay	TSOP4838	IR Receiver	3-pin	n/a	n/a	n/a	\$1.09
2129772	Sharp Electronic Components	GP1UM287RK	IR Receiver	3-pin, RA	n/a	n/a	n/a	\$0.35
2285175	Siemens Corporation	SFH203	Photodiode	5mm, T-1 3/4	n/a	n/a	n/a	\$0.29
1872441	Optek Technology	OP999	Photodiode	5mm, T-1 3/4		n/a	n/a	\$1.19
2205350	Siemens Corporation	SFH205	Photodiode	TO-92	n/a	n/a	n/a	\$0.29
1621132	OSRAM Opto Semiconductors	BPW34	Photodiode PIN	DIL 5.4x4mm		n/a	n/a	\$1.05
2099403	Stanley Electric	PS5022	Phototransistor	3.4mm Axial	NPN	30V	5V	\$0.25
112176	Ligitek	LPT2023	Phototransistor	3mm, T-1	NPN	30V	5V	\$0.39
2120410	Rohm Corporation	RPT-38PB3F	Phototransistor	3mm, T-1	NPN	32V	5V	\$0.45
2291231	Fairchild Semiconductor	QSC112	Phototransistor	3mm, T-1		30V	5V	\$0.25
2159904	Sharp Electronic Components	PT101SC0LZ0F	Phototransistor	3x4mm	n/a	5V	3.5V	\$0.25
2006414	Lite-On Electronics	LTR-5986D	Phototransistor	5mm x 3mm	NPN	30V	5V	\$0.29
373001	Jameco Valuepro	UT1893-91-0125-R	Phototransistor	5mm, T-1 3/4	NPN	30V	5V	\$0.35
2129385	Jameco Valuepro	UT1893-45-0125-R	Phototransistor	5mm, T-1 3/4	NPN	30V	5V	\$0.35
1108144	Vishay	TEPT5600	Phototransistor	5mm, T-1 3/4	NPN	6V	1.5V	\$0.69
2298807	Optek Technology	OP803	Phototransistor	TO-18	NPN	30V	5V	\$1.49
120221	Vishay	BPW77NA	Phototransistor	TO-18	NPN	70V	n/a	\$3.39



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[Discrete LEDs-LED Light Strips](#)

Jameco Part #	Manufacturer	Manufacturer Part #	LED Display Type	Color	Lumens	LED Count	Viewing Angle (deg)	Price 1
2218097	OSRAM Opto Semiconductors	71914-3CK1	Distributed Array PCB	White 4000K	1225	36		\$4.95
2305695	Jameco Valuepro	CBL-LED-MF-4P-1M	Extension Cable 4P	N/A	N/A	0		\$1.95
2212015	Adafruit Industries	1138	Flex Strip	RGB		60		\$27.95
2214344	Adafruit Industries	1376	Flex Strip	RGB		32		\$16.95
2215224	Jameco Valuepro	RGBLED-STRIP-1M	Flex Strip	RGB		60	120	\$8.95
2304063	Jameco Valuepro	RGBWW-5M-300-IP65	Flex Strip	RGBW		300	120	\$23.95
2305663	Jameco Valuepro	PGRF4-3528-R60-12V-WP- IP65	Flex Strip	White 6000K	135	300	120	\$10.95
2305671	Jameco Valuepro	PGRF4-3528-R60-12V-WP-IP22	Flex Strip	White 6000K	180	300	60	\$7.79
2305679	Jameco Valuepro	PGRF4-3528-R120-12V-WP- IP65	Flex Strip	White 6000K	180	600	120	\$16.95
2296535	Jameco Valuepro	CRI90LEDMOD	Module	Cool White	66	4	118	\$2.95
2276383	OMC	LMMY1	Modules (5) Chained	Ultrabright Amber	12	15	120	\$9.95
2273207	OMC	LMMB1	Modules (5) Chained	Ultrabright Blue	12	15	120	\$9.95
2276375	OMC	LMMR1	Modules (5) Chained	Ultrabright Red	12	15	120	\$6.95
2305703	Jameco Valuepro	WS2812BRGB LED Ring(16)	Ring (16 LED)	RGB Neopixel	Ultrabright	16	120	\$7.95
2305711	Jameco Valuepro	WS2812BRGB LED Ring(24)	Ring (24 LED)	RGB Neopixel	Ultrabright	24	120	\$9.95



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[Discrete LEDs-Mounting Hardware](#)

Jameco Part #	Manufacturer	Manufacturer Part #	LED Display Type	Mounting Type	Mounting Style	LED Size	Features	Price 1
2231371	VCC	STD_500_BLK	LED PCB Spacer		Lead Retained	5mm x 3mm	5mmx12.7mm LED PCB Spacer	\$0.25
2265871	VCC	SPC-060	LED PCB Spacer		Slip On		9.35 OD x 6.10mm ID x 1.63mm Thick	\$0.25
143132	VCC	CMC321CTP	LED Panel Lens	Lens Cover	Slip Ring	5mm, T-1 3/4	Fresnel 180 Degree Viewing	\$0.39
143037	VCC	CNXCE2108-R	LED Panel Mt Socket	Socket	Snap-In	5mm, T-1 3/4	LED Socket w/8" Harness	\$2.29
2304119	Jameco Valuepro	LED-MT-10MM	LED/Lamp Base	Socket	Panel, threaded	10mm	Silver/Chrome bezel	\$0.95
2297839	Major Brands	LED-MT-3MM	LED/Lamp Base	Socket	Panel, threaded	3mm, T-1	Silver/Chrome bezel	\$0.79
2304095	Jameco Valuepro	LED-MT-5MM	LED/Lamp Base	Socket	Panel, threaded	5mm, T-1 3/4	Silver/Chrome bezel	\$0.85
2304111	Jameco Valuepro	LED-MT-8MM	LED/Lamp Base	Socket	Panel, threaded	8mm	Silver/Chrome bezel	\$0.89
2113367	JKL Components Corporation	2910F-47	LED/Lamp Base	Socket	Snap-In	Festoon	0.25" Quick Connects 3.5mm Mounting	\$0.69
2237562	Jameco Valuepro	E10 LAMP BASE	LED/Lamp Socket Base		Flat	30mm x 19.5mm	Screw Terminals	\$0.95
2284639	Jameco Valuepro	FOCAN-LEDHOLDER	Lamp Socket	Socket	Free Hanging	E10	No Mounts- 8" Flying Leads	\$0.49
14277	VCC	#CLF280CTP	Mounting Hardware	Lens Clip Assy	Snap-in	5mm, T-1 3/4	Fresnel 180 Degree Viewing .25" Mtg Hole	\$0.49
124927	VCC	#CLB300CTP	Mounting Hardware	Lens Clip Assy	Snap-in	5mm, T-1 3/4	Fresnel 180 Degree Viewing .25" Mtg Hole	\$0.35
95513	Ligitek	LA27B	Mounting Hardware	Ring Clip	Snap-in	3mm, T-1	0.07" Panel Max. 0.175" Hole	\$0.15
23077	Jameco Valuepro	PT18H013	Mounting Hardware	Ring Clip	Snap-in/Retainer	5mm, T-1 3/4	0.125" Panel Max. 0.257" Hole	\$0.17



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DISCRETE LEDS SMD

Jameco Part #	Manufacturer	Manufacturer Part #	LED Display Type	Color	Lens Type	Package	Wavelength	Price 1	Price 10
2047945	Lite-On Electronics	LTST-C191TBKT	SMD	Blue	Water Clear	SMD 1.6x.8mm	465 nm	\$0.29	\$0.25
697741	Lite-On Electronics	LTST-C150GKT	SMD	Green	Water Clear	SMD 3.2x1.6mm	569 nm	\$0.25	\$0.15
2125190	Lite-On Electronics	LTST-S270TGKT	SMD	Green	Water Clear Side View	SMD 1.65x.6mm	525 nm	\$0.25	\$0.19
2075671	Lite-On Electronics	LTST-C191AKT	SMD	Orange	Water Clear	SMD 1.6x.8mm	610 nm	\$0.25	\$0.15
1260365	Lite-On Electronics	LTST-C190EKT	SMD	Red	Water Clear	SMD 1.6x.8mm	621 nm	\$0.25	\$0.17
2033164	Lite-On Electronics	LTW-193TS5	SMD	Yellow	Non Diffused	SMD 1.6x.8mm		\$0.25	\$0.15
1996111	Lite-On Electronics	LTST-C150YKT	SMD	Yellow	Water Clear	SMD 3.2x1.6mm	588 nm	\$0.25	\$0.19
2295871	GS Magic Inc/GS Magicstor	PL001-WCG13	SMD	Yellow-Green	Water Clear	SMD 3.2x1.6mm	568 nm	\$0.35	\$0.19



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High-Output LEDs

Jameco Part #	Manufacturer	Manufacturer Part #	Package	Color	Brightness (mcd)	Lens Type	Viewing Angle (deg)	Price 1
2238311	Jameco Valuepro	10MMLED-PINK	10mm, T-3 1/4	Pink	5000	Water Clear	20	\$0.25
2168421	Jameco Valuepro	3MMLED-BLUE	3mm, T-1	Blue	5000	Diffused	120	\$0.29
2283655	Jameco Valuepro	3MMLED-BLUE-CLR	3mm, T-1	Blue	5000	Water Clear	120	\$0.25
2169846	Jameco Valuepro	3MMLED-GREEN	3mm, T-1	Green	5000	Diffused	120	\$0.25
2205430	Jameco Valuepro	MCDL-3014UEC-TL	3mm, T-1	Red	3000	Water Clear	25	\$0.59
2174881	Jameco Valuepro	3MMLED-WHITE	3mm, T-1	White	8000	Diffused	120	\$0.25
2275055	Jameco Valuepro	3mmLED-WHITE-CLR	3mm, T-1	White	8000	Water Clear	120	\$0.25
2228501	Cree	C4SMB-BGF	4mm Oval	Blue	2130	Non Diffused		\$0.25
2228480	Cree	C4SMB-RGF	4mm Oval	Red	2800	Non Diffused		\$0.25
2290239	Avago Technologies	HLMP-EL1A-Z1KDD	5mm, T-1 3/4	Amber	21000	Water Clear	15	\$0.39
2239023	Jameco Valuepro	LED-5MMBLUE	5mm, T-1 3/4	Blue	900	Water Clear	30	\$0.79
2210896	OSRAM Opto Semiconductors	Q62703Q5931	5mm, T-1 3/4	Blue	2800	Water Clear	15	\$0.29
183222	Jameco Valuepro	MCDL-5013UBC-TL	5mm, T-1 3/4	Blue	6000	Water Clear	18	\$1.15
2231523	Jameco Valuepro	XLFB12W	5mm, T-1 3/4	Blue	6000	Water Clear	20	\$0.99
2274839	Jameco Valuepro	5WB4-Y-T-SB	5mm, T-1 3/4	Blue	12000	Water Clear	30	\$0.39
2077079	Agilent Technologies	HLMP-CM39-UVCDD	5mm, T-1 3/4	Green	5500	Clear Non Diffused	30	\$0.25
2210706	Jameco Valuepro	MCDL-5013BGC-T	5mm, T-1 3/4	Green	7000	Water Clear	18	\$0.49
2167251	Arndt	MCDL-5013BGC-TL	5mm, T-1 3/4	Green	11000	Water Clear	30	\$0.49
2231507	Jameco Valuepro	XLDGK12W	5mm, T-1 3/4	Green	12000	Water Clear	20	\$0.69
2274847	Jameco Valuepro	5WG4-Y-T-SB	5mm, T-1 3/4	Green	18000	Water Clear	30	\$0.39
2278143	Jameco Valuepro	5WOR4-Y-T	5mm, T-1 3/4	Orange	12000	Water Clear	30	\$0.25
2203813	Jameco Valuepro	MCDL-5013UEC-TL-H	5mm, T-1 3/4	Orange Red	7000	Water Clear	20	\$0.25
2238303	Jameco Valuepro	5MMLED-PINK	5mm, T-1 3/4	Pink	5000	Water Clear	20	\$0.29
2274879	Jameco Valuepro	5WP4-Y-T-SB	5mm, T-1 3/4	Pink	16000	Water Clear	30	\$0.39
333447	Jameco Valuepro	UT1873-81-UR-P22-R	5mm, T-1 3/4	Red	1600	Water Clear	25	\$0.25
333526	Jameco Valuepro	LUR3833	5mm, T-1 3/4	Red	2700	Water Clear	30	\$0.25
2188449	Jameco Valuepro	LHRF3333S/S46-PF-B01	5mm, T-1 3/4	Red	5000	Water Clear	30	\$0.39

Jameco Part #	Manufacturer	Manufacturer Part #	Package	Color	Brightness (mcd)	Lens Type	Viewing Angle (deg)	Price 1
2231515	Jameco Valuepro	XLM2CRK12W	5mm, T-1 3/4	Red	10000	Water Clear	20	\$0.39
2274831	Jameco Valuepro	5WR4-Y-T-SB	5mm, T-1 3/4	Red	12000	Water Clear	30	\$0.39
2292991	Avago Technologies	HLMP-EG1A-Z10DD	5mm, T-1 3/4	Red	21000	Water Clear	15	\$0.49
2278823	Jameco Valuepro	0.5W-RRD4-Y-T	5mm, T-1 3/4	Red	35000	Water Clear	30	\$0.39
2274871	Jameco Valuepro	5WWW4-Y-T-SB	5mm, T-1 3/4	Warm White	18000	Water Clear	30	\$0.39
2290703	Agilent Technologies	HLMP-CW30-M0000	5mm, T-1 3/4	White	1690	Water Clear	30	\$0.49
334502	Jameco Valuepro	LWK3333	5mm, T-1 3/4	White	5000	Water Clear	16	\$0.99
2255841	Jameco Valuepro	LED-5mmWHT	5mm, T-1 3/4	White	5000	Water Clear	25	\$0.79
320531	Jameco Valuepro	MCDL-5013UWC	5mm, T-1 3/4	White	5500	Clear	15	\$0.99
2115493	Jameco Valuepro	UT5HW3-4D-URC3-4861-R	5mm, T-1 3/4	White	7000	Water Clear	30	\$0.49
2160067	Unity Opto Technology	MVL-514SW-T-S1	5mm, T-1 3/4	White	11000	Water Clear	15	\$0.49
2274855	Jameco Valuepro	5WW4-Y-T-SB	5mm, T-1 3/4	White	22000	Water Clear	30	\$0.39
2278831	Jameco Valuepro	0.5W-WWW4-Y-T	5mm, T-1 3/4	White	60000	Water Clear	30	\$0.79
2186401	Lite-On Electronics	LTL-2H3QYK	5mm, T-1 3/4	Yellow	1700	Water Clear	15	\$0.25
333569	Jameco Valuepro	LVY3333/A	5mm, T-1 3/4	Yellow	2200	Water Clear	20	\$0.25
333614	Jameco Valuepro	LUY3833H	5mm, T-1 3/4	Yellow	5000	White Non Diffused	12	\$0.59
2095189	Jameco Valuepro	RL50-PY543	5mm, T-1 3/4	Yellow	8000	Water Clear	20	\$0.39
2274863	Jameco Valuepro	5WY4-Y-T-SB	5mm, T-1 3/4	Yellow	12000	Water Clear	30	\$0.39
2287855	Unity Opto Technology	MVL-904UYLC	7.62mm square	Amber	1500	Water Clear	50	\$0.35
1260120	Lite-On Electronics	LTL912CBKS5	7.62mm square	Blue	0.9	Water Clear	45	\$0.29
2167411	Unity Opto Technology	MVL-914MTGC	7.62mm square	Green	2000	Water Clear	50	\$0.39
404582	Jameco Valuepro	MCDL-1860UWC-15C	7.62mm square	White	3500	Water Clear 3mm Dome	75	\$0.99
2167390	Unity Opto Technology	MVL-904MW	7.62mm square	White	4000	Clear	30	\$0.29
664341	Jameco Valuepro	MCDL-1870UWC-15C	7.62mm square	White	6500	Water Clear	40	\$0.79
2167402	Unity Opto Technology	MVL-904TUYC	7.62mm square	Yellow	4000	Water Clear	70	\$0.25



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[Lamps-Incandescent](#)

Jameco Part #	Manufacturer	Manufacturer Part #	Illumination Type	Base Type	Size	Color	Voltage	Price 1
210032	Jameco Valuepro	GS7382	Incandescent	Bi Pin	T-1 3/4	Clear	14 VDC	\$0.59
210008	Jameco Valuepro	7328	Incandescent	Bi Pin	T-1 3/4	Clear	6 VDC	\$0.59
141073	Jameco Valuepro	2182	Incandescent	Leads 1"	T-1 3/4	Clear	14 VDC	\$0.35
141066	Jameco Valuepro	2200-R	Incandescent	Leads 1"	T-1 3/4	Clear	5 VDC	\$0.39
209437	Jameco Valuepro	47	Incandescent	Mini Bayonet	T-3 1/4	Clear	6.3 VDC	\$0.49
209390	Jameco Valuepro	14	Incandescent	Mini Screw	G3 1/2	Clear	2.47 VDC	\$0.65
2229861	Jameco Valuepro	#40	Incandescent	Mini Screw	T-3 1/4	Clear	6.3 VDC	\$0.49
209525	Jameco Valuepro	194	Incandescent	Wedge	T-3 1/4	Clear	14 VDC	\$0.45



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[Lamps-Panel Mount Indicators](#)

Jameco Part #	Manufacturer	Manufacturer Part #	Illumination Type	Color	Voltage	Mounting Hole (inch)	Termination	Price 1
2181378	Jameco Valuepro	N792-12V-12CM-GRN	Incandescent	Green	12 VDC	0.281	4.7" Leads	\$1.65
2276631	Dialight	533-0601-304-1875G	Incandescent	Green	125 VAC	0.813 Square	Solder Terminals	\$1.95
2181360	Jameco Valuepro	N792-12V-12CM-RED	Incandescent	Red	12 VDC	0.281	4.7" Leads	\$1.49
215715	Jameco Valuepro	R9-71B-05-12V-RED-R	Incandescent	Red	12 VDC	0.625	Solder Terminals	\$2.25
2276623	Dialight	533-0601-304-1875R	Incandescent	Red	125 VAC	0.813 Square	Solder Terminals	\$1.95
2182995	Dialight	533-0601-304-1875W	Incandescent	White	125 VAC	0.813 Square	Solder Terminals	\$1.95
2276615	Dialight	533-0601-304-1873Y	Incandescent	Yellow	125 VAC	0.813 Square	Solder Terminals	\$1.95
2230571	Jameco Valuepro	XPG1LCBD01D12VW6	LED	Blue	14 VDC	0.55	6" Leads	\$1.75
637183	Jameco Valuepro	UT2U1G-H113-R801-W05	LED	Green	12 VDC	0.25	5.5" Leads	\$1.09
2304047	Jameco Valuepro	FL1M-8FW-1-12VGRN	LED	Green	12 VDC	0.315	7.87" Leads	\$2.95
2126387	Sorenson Lighted Controls	KE12-4-03-050P0	LED	Pure White	14 VDC	0.63	0.25" Terminals	\$0.49
2304055	Jameco Valuepro	FL1M-8FW-1-120VRD	LED	Red	110 VAC	0.315	7.87" Leads	\$2.95
2304031	Jameco Valuepro	FL1M-8FW-1-12VRED	LED	Red	12 VDC	0.315	7.87" Leads	\$2.95
141111	Jameco Valuepro	L-922S-RD	LED	Red	2 VDC	0.235	Terminals	\$1.09
141137	Jameco Valuepro	L-917-RD	LED	Red	2 VDC	0.31	Terminals	\$1.25
2099788	Solico	970S00146	LED	Red	2.7 VDC	0.31	6" Leads	\$0.25
2183488	Dialight	249-7872-3335-504	LED	Red	28 VDC	0.375	Turret lugs	\$0.99
2304039	Jameco Valuepro	FL1M-8FW-1-12VWHT	LED	White	12 VDC	0.315	7.87" Leads	\$2.95
2230563	Jameco Valuepro	XPG1LCWD01M12VW6	LED	White	14 VDC	0.55	6.3" Leads	\$1.09
2126395	Sorenson Lighted Controls	KE12-4-03-01060	LED	White	14 VDC	0.63	0.25" Terminals	\$0.59
2183015	Dialight	507-3909-0373-600	Lamp	Amber	6.3 VDC	0.36"	Solder Terminals	\$0.99
2183437	Dialight	80-3502-05-301	Lamp Socket	N/A	125 VAC	1	Screws	\$3.95
2183269	Dialight	61-3602-02-301	Lamp Socket	N/A	125 VAC	1	Solder Terminals	\$3.95
2182928	Dialight	101-5030-09-201	Lamp Socket	N/A	N/A	0.53	Solder Terminals	\$2.95
2276655	Dialight	047-2900-200	Lens Cap	N/A	N/A	1	1-27 NS Threads	\$9.95
2182979	Dialight	304-1875	Lens Cap	White	N/A	N/A	Midget Flange	\$0.59
2182987	Dialight	304-1873	Lens Cap	Yellow	N/A	N/A	Midget Flange	\$0.59

Jameco Part #	Manufacturer	Manufacturer Part #	Illumination Type	Color	Voltage	Mounting Hole (inch)	Termination	Price 1
2236025	Xicon	361-7672	Neon	Amber	120 VAC	0.453	0.12" Terminals	\$1.75
2202651	Arndt	120VNEON	Neon	Assorted	120 VAC	0.625	Solder Terminals	\$5.95
1585485	Jameco Valuepro	3250-1-00-17140	Neon	Green	120 VAC	0.38 x 0.91	6" Leads	\$0.25
215830	Jameco Valuepro	R9-71N-05-120V-GREEN-R	Neon	Green	120 VAC	0.625	Solder Terminals	\$1.95
215803	Jameco Valuepro	R9-71N-05-120V-RED-R	Neon	Red	120 VAC	0.625	Solder Terminals	\$1.95
2276583	CML Innovative Tech/Chicago Miniature	2150QA1	Neon	Red	125 VAC	0.312	0.187" Terminals	\$1.95
2179737	Philmore	11-2062B	Neon	Red	125 VAC	0.312	6" Leads	\$3.49
2126512	Sorenson Lighted Controls	2954-X-11-373-10	Neon	Red	480 VAC	0.5	15" Leads	\$0.49



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[Lasers-Laser Diodes](#)

Jameco Part #	Manufacturer	Manufacturer Part #	Product Type	Color	Peak Wavelength	Power Rating	Size (Dia. x L)(mm)	Price 1
2210204	Jameco Valuepro	154145-VP	Laser Diode	Red	650 nm	5 mW	13.2 x 6.1	\$3.49
2120428	Lite-On Electronics	LTLD505T	Laser Diode	Red	650 nm	6 mW	5.6 x 3.5	\$2.49
2305823	Jameco Valuepro	32970959152CRS	Laser Module - Cross Hair	Red	650 nm	5 mW	12.0 x 35.0	\$5.95
173243	Jameco Valuepro	UM650-5-C	Laser Module - Cross Hair	Red	650 nm	5 mW	22.9 x 76.2	\$149.95
2305815	Jameco Valuepro	32970959152DOT	Laser Module - Dot	Red	650 nm	5 mW	12.0 x 35.0	\$4.95
2305831	Jameco Valuepro	32970959152LIN	Laser Module - Line	Red	650 nm	5 mW	12.0 x 35.0	\$5.95
143845	Jameco Valuepro	UM650-5-G	Laser Module - Line	Red	650 nm	5 mW	22.9 x 83.8	\$144.95
153605	Alpec	4012	Laser Pointer - Pen	Red	650 nm	5 mW	10.2 x 132.1	\$19.95



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[LED Backlight Modules](#)

Jameco Part #	Manufacturer	Manufacturer Part #	LED Display Type	MFG Part Number	Color	Luminous Intensity	Lens Type	Light Area	Dimensions	LED Height (mm)	Forward Voltage - Vf (Typ.)	Forward Current - If (Typ.)	Price 1
2214379	Adafruit Industries	1626	LCD Backlight	KWB-R3912W/1W	White	150 cd	Acrylic Diffused w/Reflector	40mm x 12mm	46.90mm x 11.9mm x 2.2mm	2.2	3.3	15 mA	\$3.25
2214361	Adafruit Industries	1621	LCD Backlight	KWB-R8445W/1W	White	80 cd	Acrylic Diffused w/Reflector	86mm x 45mm	102mm x 45mm x 3.6mm	3.6	3.3	25 mA	\$3.95



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[LED Displays-Bar Array](#)

Jameco Part #	Manufacturer	Manufacturer Part #	LED Display Type	No. of LEDs	LED Size	Illuminated Color	Dimensions	Price 1
1860467	Hewlett Packard	HLMP2755	Bar Graph	4	.12" x .07"	Yellow	0.35"H x 0.35"W	\$0.99
2281191	Lite-On Electronics	LTL2785Y	Bar Graph	8	.20" x .07"	Yellow	0.794"H x 0.394"W	\$1.25
2286095	Agilent Technologies	HLMP2885	Bar Graph	8	.35" x .75"	Green	0.80"H x 0.40"W	\$1.75
2230619	Sunled Corporation	XGCBDX10D	Bar Graph	10	.20" x .07"	Blue	0.995"H x 0.40"W	\$2.75
697469	Lite-On Electronics	LTA-1000G	Bar Graph	10	.20" x .07"	Green	0.995"H x 0.40"W	\$1.39
2217596	Seeed Studios	304080004	Bar Graph	10	.20" x .07"	Green x8/Orange x1/Red x1	0.995"H x 0.40"W	\$1.49
334529	Jameco Valuepro	UL10000-HR RRAK	Bar Graph	10	.20" x .07"	Orange	0.995"H x 0.40"W	\$1.39
697477	Lite-On Electronics	LTA-1000HR	Bar Graph	10	.20" x .07"	Red	0.995"H x 0.40"W	\$1.25
2227356	Lite-On Electronics	LTA-10102KR	Bar Graph	10	.20" x .07"	Super Red	0.995"H x 0.40"W	\$0.69



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[LED Displays-Dot-Matrix](#)

Jameco Part #	Manufacturer	Manufacturer Part #	LED Display Type	Matrix Pattern	Illuminated Color	Dot Size	Size (L" x W" x H")	Color	Configuration	Dominant Wavelength	Intensity	Forward Voltage - Vf (Typ.)	Price 1
2276423	Lite-On Electronics	LTP2657AA	Dot Matrix	5x7	Bi-Color Red/Green	0.200"	2.09 x 1.50	Grey	CC/AR	621/569 nm	4.8 mcd	2.0 V	\$1.49
2005497	Lite-On Electronics	LTP-757G	Dot Matrix	5x7	Green	0.078"	0.70 x 0.50	Grey	CC/AR	565 nm	2.0 mcd	2.1 V	\$1.25
2298463	Lite-On Electronics	LTP305R	Dot Matrix	5x7	Hi-Efficiency Red	0.024"		Red	CA/CR	635 nm	1.6 mcd	2.0 V	\$4.95
2280807	Hewlett Packard	HDSP-L203	Dot Matrix	5x7	Hi-Efficiency Red	0.078"	0.70 x 0.50	Grey	CC/AR	645 nm	0.93 mcd	2.6 V	\$0.99
2280399	Para Light	C-3571E	Dot Matrix	5x7	Hi-Efficiency Red	0.118"	1.25 x 0.89	Grey	CC/AR	630 nm	3.0 mcd	2.0 V	\$1.75
2186048	Arndt	LTP2558AA	Dot Matrix	5x8	Bi-Color Red/Green	0.200"	2.4 x 1.5	Grey	CC/AR	621/569 nm	4.8 mcd	2.0 V	\$1.95
2306319	Super Bright	SBM-2388ASRG-GR	Dot Matrix	8x8	Bi-Color Green/Red	0.200"	2.38 x 2.38 x 0.37	Grey	CC/AR	573/635 nm	15/7.5 mcd	2.15/1.8 V	\$1.95
2306311	Super Bright	SBM-2388ASRG-RG	Dot Matrix	8x8	Bi-Color Red/Green	0.200"	2.38 x 2.38 x 0.37	Grey	CC/AR	635/573 nm	7.5/15 mcd	1.8/2.15 V	\$1.25
2132349	Jameco Valuepro	LD788BS-SS22	Dot Matrix	8x8	Hi-Efficiency Red	0.075"	0.78 x 0.78	Black	CC/AR	631 nm	25.9 mcd	2.01 V	\$2.95
2309871	Adafruit Industries	1487	Dot Matrix	8x8	RGB (24-bit)	0.157"		RGB	NeoPixel	Variable	1000 mcd	5.0 V	\$29.95
2306335	Light Key	LM15088BUY	Dot Matrix	8x8	Yellow	0.146"	1.5 x 1.5 x 0.41	Grey	CC/AR	595 nm	45 mcd	2.0 V	\$1.95
32951	National Semiconductor	TIL311	Hexadecimal Dot Matrix	4x7	Red	0.024"	0.76 x 0.42 x 0.14	Red	CG	660 nm	0.1 mcd	5.0 V	\$29.95



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LED Displays - Segmented

Jameco Part #	Manufacturer	Manufacturer Part #	LED Display Type	Character Height (inch)	No. of Digits	Illuminated Color	Color	Configuration	Dominant Wavelength	Intensity	Decimal Point	Typical Vf(V)@If(mA)	Price 1
2265615	Sunled Corporation	XDMDK14A2	14-Seg Numeric	0.56	2	Red	Grey	Common Anode	630 nm	23.9 mcd	RHDP	1.85 @ 10	\$1.75
2280671	Lite-On Electronics	LTP4323P	16-Seg Alphanumeric	0.4	2	Red	Grey	CC	697 nm	0.75 mcd	RHDP		\$1.95
2276711	Lite-On Electronics	LTP537HR	16-Seg Alphanumeric	0.5	1	Red	Red	CC	623 nm	2.2 mcd	RHDP		\$2.95
2210976	National Semiconductor	NSA1166	7-Seg Numeric	0.1	6	Red	Blue		660 nm	0.4 mcd	RHDP	1.65 @ 5	\$2.95
2276815	Lite-On Electronics	LTS-2801AWC-11T	7-Seg Numeric	0.28	1	Red	Grey	Common Anode	657 nm	3.4 mcd	RHDP	2.1 @ 20	\$0.69
2279879	Lite-On Electronics	LTS-2301AE	7-Seg Numeric	0.28	1	Red Orange	Grey	Common Cathode	621 nm	2.0 mcd	RHDP	2.0 @ 20	\$0.79
2281183	Lite-On Electronics	LTD2601B	7-Seg Numeric	0.28	2	Blue	Grey	Common Anode	466 nm	3.0 mcd	RHDP	3.8 @ 20	\$2.95
2276799	Lite-On Electronics	LTC2621-JG-14J	7-Seg Numeric	0.28	3	Green	Green	Common Anode	572 nm	0.7 mcd	RHDP	2.1 @ 20	\$0.99
2276719	Lite-On Electronics	LTC-2623G	7-Seg Numeric	0.28	4	Green	Green	Common Anode	569 nm	2.0 mcd	RHDP	2.1 @ 20	\$1.25
2227971	Lite-On Electronics	LTC-2623JD	7-Seg Numeric	0.28	4	Red	Grey	Common Anode	656 nm	0.6 mcd	RHDP	2.1 @ 20	\$1.49
2227989	Lite-On Electronics	LTC-2623WC	7-Seg Numeric	0.28	4	Red	Grey	Common Anode	660 nm	3.1 mcd	RHDP	1.8 @ 20	\$1.49
2276679	Lite-On Electronics	LTS-315AG	7-Seg Numeric	0.3	1	Green	Grey	Common Cathode	565 nm	2.0 mcd	LHDP/RHDP	2.1 @ 20	\$0.69
2295943	Jameco Valuepro	LE3042R-11RRR200	7-Seg Numeric	0.3	1	Orange	Orange	Common Cathode	630 nm	7.4 mcd	RHDP	2.1 @ 20	\$0.99
24732	Mcd Electronics	GNS-3011BH-11	7-Seg Numeric	0.3	1	Red	Black	Common Anode	697 nm	0.8 mcd	LHDP/RHDP	1.9 @ 20	\$0.99
24740	Ligitek	LSD3221-11-LHDP/RHDP	7-Seg Numeric	0.3	1	Red	Black	Common Anode	697 nm	2.5 mcd	LHDP/RHDP	2.1 @ 20	\$0.99

Jameco Part #	Manufacturer	Manufacturer Part #	LED Display Type	Character Height (inch)	No. of Digits	Illuminated Color	Color	Configuration	Dominant Wavelength	Intensity	Decimal Point	Typical Vf(V)@If(mA)	Price 1
24782	Ligitek	LSD3211-11	7-Seg Numeric	0.3	1	Red	Black	Common Cathode	697 nm	2.5 mcd	LHDP/RHDP	2.1 @ 20	\$0.99
2276687	Hewlett Packard	HDSP3530	7-Seg Numeric	0.3	1	Red	Blue	Common Anode	635 nm	0.3 mcd	LHDP/RHDP	4.5 @ 100	\$0.79
2276695	Hewlett Packard	HDSP-7511	7-Seg Numeric	0.3	1	Red	Grey	Common Anode	635 nm	1.05 mcd	RHDP	1.8 @ 20	\$0.99
1584394	Avago Technologies	HDSP-A113	7-Seg Numeric	0.3	1	Red	Grey	Common Cathode	645 nm	3.6 mcd	RHDP	1.7 @ 20	\$1.09
334801	Fairchild Semiconductor	MAN3940A	7-Seg Numeric	0.3	1	Red	Red	Common Cathode	635 nm	1.9 mcd	RHDP	2.5 @ 20	\$0.79
2186099	Hewlett Packard	5082-7621	7-Seg Numeric	0.3	1	Yellow	Yellow	Common Anode	620 nm	0.8 mcd	RHDP	1.8 @ 20	\$0.89
2285143	Lite-On Electronics	LTS367G	7-Seg Numeric	0.36	1	Green	Grey	Common Cathode	569 nm	2.0 mcd	RHDP	2.1 @ 20	\$0.79
1955714	Lite-On Electronics	LTS-367R	7-Seg Numeric	0.36	1	Red	Red	Common Cathode	655 nm	0.5 mcd	RHDP	1.7 @ 20	\$0.69
2203557	Lite-On Electronics	LTG-0520KR	7-Seg Numeric	0.36	4	Red	Black	Common Cathode	639 nm	4.94 mcd	LHDP/RHDP	2.0 @ 20	\$0.79
2227911	Lite-On Electronics	LTS-4301G	7-Seg Numeric	0.39	1	Green	Grey	Common Cathode	565 nm	2.2 mcd	RHDP	2.1 @ 20	\$0.79
2280927	Jameco Valuepro	BS-A402R1	7-Seg Numeric	0.4	1	Green	Grey	Common Anode	569 nm	2.2 mcd	RHDP	2.1 @ 20	\$0.89
2312423	Avago Technologies	HDSP-303G	7-Seg Numeric	0.4	1	Green	Grey	Common Cathode	568 nm	2.8 mcd	RHDP	2.2 @ 20	\$0.79
2280679	Vishay	TDSR3150G	7-Seg Numeric	0.4	1	Red	Grey	Common Anode	625 nm	0.9 mcd	RHDP	2.7 @ 20	\$0.79
2227938	Lite-On Electronics	LTS-4301P	7-Seg Numeric	0.4	1	Red	Grey	Common Cathode	697 nm	0.8 mcd	RHDP	2.1 @ 20	\$0.79
2280151	Lite-On Electronics	LTS-4910AHR	7-Seg Numeric	0.4	1	Red	Red	Common Anode	635 nm	2.2 mcd	RHDP	2.0 @ 20	\$0.79
2280639	Lite-On Electronics	LTS4801JS	7-Seg Numeric	0.4	1	Yellow	Grey	Common Anode	587 nm	0.867 mcd	RHDP	2.05 @ 20	\$0.99
2227541	Lite-On Electronics	LTD-482EC	7-Seg Numeric	0.4	2	Red	Red	Common Anode	568 nm	1.3 mcd	RHDP	2.0 @ 20	\$0.79
2227954	Lite-On Electronics	LTC-4724B	7-Seg Numeric	0.4	3	Blue	Grey	Common Cathode	428 nm	3.6 mcd	RHDP	3.8 @ 20	\$1.49

Jameco Part #	Manufacturer	Manufacturer Part #	LED Display Type	Character Height (inch)	No. of Digits	Illuminated Color	Color	Configuration	Dominant Wavelength	Intensity	Decimal Point	Typical Vf(V)@If(mA)	Price 1
2230125	Everlight Electronics	ELF-416SYGWA/S530-E3	7-Seg Numeric	0.4	4	Green	Blue	Common Anode	573 nm	2.3 mcd	RHDP	2.0 @ 20	\$1.39
2228105	Para Light	A-394E	7-Seg Numeric	0.4	4	Red	Blue	Common Anode	635 nm	1.8 mcd	RHDP	2.0 @ 10	\$0.87
2045683	Lite-On Electronics	LTC-4627WC	7-Seg Numeric	0.4	4	Red	Grey	Common Anode	660 nm	3.4 mcd	RHDP	1.7 @ 20	\$1.49
2227946	Lite-On Electronics	LTC-4627JS	7-Seg Numeric	0.4	4	Yellow	Grey	Common Anode	588 nm	0.65 mcd	RHDP	2.05 @ 20	\$1.25
2280183	Jameco Valuepro	KYX-4031A	7-Seg Numeric	0.43	1	Red	Black	Common Cathode	635 nm	11 mcd	LHDP/RHDP	2.4 @ 20	\$0.89
1551787	Avago Technologies	HDSP-E153	7-Seg Numeric	0.43	1	Red	Grey	Common Cathode	645 nm	15 mcd	RHDP	1.8 @ 20	\$1.49
2280175	Sunled Corporation	XDMR11C	7-Seg Numeric	0.43	1	Red	Grey	Common Cathode	660 nm	42 mcd	LHDP/RHDP	2.5 @ 10	\$0.99
2280255	Sunled Corporation	XDUR11C	7-Seg Numeric	0.43	1	Red	Red	Common Cathode	627 nm	6.8 mcd	RHDP	2.5 @ 10	\$0.69
2279999	On Semiconductor	MAN5460	7-Seg Numeric	0.5	1	Green	Grey	Common Cathode	562 nm	3.0 mcd	RHDP	2.4 @ 20	\$0.79
17209	Mcd Electronics	GNS-5011BH-11	7-Seg Numeric	0.5	1	Red	Black	Common Anode	697 nm	8 mcd	RHDP	2.1 @ 20	\$1.09
17187	Jameco Valuepro	LSD5101A	7-Seg Numeric	0.5	1	Red	Black	Common Cathode	697 nm	0.9 mcd	RHDP	2.1 @ 20	\$1.09
2299511	Jameco Valuepro	LTS547R	7-Seg Numeric	0.5	1	Red	Grey	Common Cathode	655 nm	0.5 mcd	RHDP	1.6 @ 20	\$0.99
2280647	Lite-On Electronics	LTS-546AJD	7-Seg Numeric	0.52	1	Red	Grey	Common Anode	639 nm	10.5 mcd	RHDP	2.1 @ 20	\$0.99
2279887	Lite-On Electronics	LTS-547AHR	7-Seg Numeric	0.52	1	Red	Red	Common Cathode	623 nm	2.0 mcd	RHDP	2.6 @ 20	\$0.79
1955917	Lite-On Electronics	LTP-3785G-01	7-Seg Numeric	0.54	2	Green	Grey	Common Anode	565 nm	2.0 mcd	RHDP	2.1 @ 20	\$1.95
334862	Jameco Valuepro	UC5621-11-R	7-Seg Numeric	0.56	1	Green	Black	Common Cathode	567 nm	2.9 mcd	RHDP	2.1 @ 20	\$1.09
790639	Lite-On Electronics	LTS-6460G	7-Seg Numeric	0.56	1	Green	Grey	Common Anode	565 nm	24 mcd	RHDP	2.1 @ 20	\$0.99
2280799	Lite-On Electronics	LTC-5623G	7-Seg Numeric	0.56	1	Green	Grey	Common Anode	569 nm	2.4 mcd	RHDP	2.1 @ 20	\$2.95

Jameco Part #	Manufacturer	Manufacturer Part #	LED Display Type	Character Height (inch)	No. of Digits	Illuminated Color	Color	Configuration	Dominant Wavelength	Intensity	Decimal Point	Typical Vf(V)@If(mA)	Price 1
2280159	Hewlett Packard	QDSP-H449	7-Seg Numeric	0.56	1	Orange	Black	Common Cathode	660 nm	3.0 mcd	RHDP	2.1 @ 20	\$0.79
335090	Jameco Valuepro	UA5651-11-R	7-Seg Numeric	0.56	1	Red	Blue	Common Anode	700 nm	0.8 mcd	RHDP	2.1 @ 20	\$1.09
1955829	Lite-On Electronics	LTS-3403AP	7-Seg Numeric	0.56	1	Red	Grey	Common Cathode	638 nm	3.75 mcd	LHDP/RHDP	2.1 @ 20	\$1.25
2186101	Hewlett Packard	HDSP-5303	7-Seg Numeric	0.56	1	Red	Grey	Common Cathode	655 nm	14 mcd	RHDP	1.6 @ 20	\$1.49
1551568	Fairchild Semiconductor	MAN6410	7-Seg Numeric	0.56	2	Green	Grey	Common Anode	566 nm	22 mcd	RHDP	2.1 @ 20	\$1.75
2265607	Sunled Corporation	XDVG14C2	7-Seg Numeric	0.56	2	Green	Grey	Common Cathode	570 nm	1.19 mcd	RHDP	2.0 @ 10	\$1.95
24715	Ligitek	LDD5121-20 (5621BS-1)	7-Seg Numeric	0.56	2	Red	Black	Common Anode	697 nm	0.8 mcd	RHDP	2.1 @ 20	\$1.59
2276703	Mitsubishi Electric and Electronics USA	LN526RA	7-Seg Numeric	0.56	2	Red	Black	Common Anode	700 nm	0.6 mcd	RHDP	2.2 @ 20	\$1.25
2276807	Hewlett Packard	HDSP5321	7-Seg Numeric	0.56	2	Red	Red	Common Anode	640 nm	0.6 mcd	RHDP	1.6 @ 20	\$1.25
2265631	Sunled Corporation	XDMYK14C2	7-Seg Numeric	0.56	2	Yellow	Grey	Common Cathode	590 nm	3.99 mcd	RHDP	1.95 @ 10	\$2.29
225963	Jameco Valuepro	KW3-562A2B	7-Seg Numeric	0.56	3	Green	Black	Common Anode	568 nm	15 mcd	RHDP	2.2 @ 20	\$1.75
308224	Jameco Valuepro	LM5643R-11RRRN	7-Seg Numeric	0.56	3	Orange	Orange	Common Cathode	630 nm	3.3 mcd	RHDP	2.1 @ 20	\$1.45
2125229	Arndt	LN5643R-11	7-Seg Numeric	0.56	3	Red	Orange	Common Anode	630 nm	4.5 mcd	RHDP	2.1 @ 20	\$0.99
2218062	Jameco Valuepro	MSD-0566GWY	7-Seg Numeric	0.56	4	Green	Grey	Common Anode	568 nm	2.2 mcd	RHDP	2.1 @ 20	\$2.49
2280407	Lite-On Electronics	LTC5348G-03	7-Seg Numeric	0.56	4	Green	Grey	Common Cathode	567 nm	2.0 mcd	RHDP	2.1 @ 20	\$1.95
1584386	Avago Technologies	HDSP-8603	7-Seg Numeric	0.8	1	Green	Grey	Common Cathode	566 nm	1.5 mcd	RHDP	2.1 @ 20	\$0.99
18753	Ligitek	LSD8151-10	7-Seg Numeric	0.8	1	Red	Black	Common Cathode	697 nm	1 mcd	LHDP/RHDP	2.1 @ 20	\$1.75
2281175	Kingbright Corporation	SC08-11EWA	7-Seg Numeric	0.8	1	Red	Grey	Common Cathode	628 nm	8 mcd	RHDP	2.0 @ 20	\$1.95

Jameco Part #	Manufacturer	Manufacturer Part #	LED Display Type	Character Height (inch)	No. of Digits	Illuminated Color	Color	Configuration	Dominant Wavelength	Intensity	Decimal Point	Typical Vf(V)@If(mA)	Price 1
97199	Ligitek	LSD23265-10	7-Seg Numeric	2.24	1	Red	Black	Common Anode	660 nm	30 mcd	RHDP	6.8 @ 20	\$3.95
2227364	Everlight Electronics	2326SURWA/S530-A3/P24	7-Seg Numeric	2.24	1	Red	Grey	Common Anode	632 nm	34 mcd	RHDP	2.0 @ 20	\$1.49
2202061	Sunled Corporation	XDMR57C-A	7-Seg Numeric	2.3	1	Red	Grey	Common Cathode	650 nm	189 mcd	RHDP	7.0 @ 10	\$4.95



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[LED Lamp Replacements](#)

Jameco Part #	Manufacturer	Manufacturer Part #	LED Display Type	Color	Lens Type	Package	Wavelength	Price 1
2284647	Jameco Valuepro	FOCAN-BULB	Lamp Replacement	Clear	Water Clear	E10	N/A	\$2.95
392702	Jameco Valuepro	585-1215	Midget Flange	Super Red	Water Clear	T1-3/4	625 nm	\$0.69
392690	Jameco Valuepro	585-1413	Midget Flange	Yellow	Water Clear	T1-3/4	588 nm	\$0.69



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LED Multi Color

Jameco Part #	Manufacturer	Manufacturer Part #	Package	Color	Luminous Intensity - Iv (mcd)	Lens Type	Viewing Angle (deg)	Forward Voltage - Vf (Typ.)	Forward Current - If (Typ.)	Wavelength	Height (mm)	Lead Pitch	Price 1	Price 10
2219567	Jameco Valuepro	RGB LED CA-10	10mm, T-3 3/4	RGB	1700 / 3000 / 1200	Diffused	30	2.0/3.2/3.2	20 mA	625 nm, 525 nm, 470 nm	10.9	0.05"	\$0.59	\$0.49
2219575	Jameco Valuepro	RGB LED CC-10	10mm, T-3 3/4	RGB	1700 / 3000 / 1200	Diffused	30	2.0/3.4/3.4	20 mA	625 nm, 525 nm, 470 nm	10.9	0.05"	\$0.49	\$0.39
104889	Jameco Valuepro	LEG5292	2mm x 5mm	Green/Orange	6	Non Diffused	116	1.7	30 mA	565 nm, 635 nm	7	0.1"	\$0.25	\$0.19
2193934	Lite-On Electronics	LTL-58EHJ-002	2mm x 5mm	Green/Red Orange	5.6 / 8.7	White Diffused	100	2.1	20 mA	569 nm, 621 nm	7.5	0.1"	\$0.25	\$0.15
2283151	Jameco Valuepro	LHG2062B	3mm, T-1	Green/Red	2 / 5	Diffused	70	2.0/5.0	30 mA	565 nm, 697 nm	5.2	0.1"	\$0.25	\$0.15
2278855	Jameco Valuepro	LED-3mmRDGRN	3mm, T-1	Green/Red	2 / 5	White Diffused	36	1.7	20 mA	565 nm, 697 nm	5.2	0.1"	\$0.25	\$0.19
94553	Jameco Valuepro	LHG2062	3mm, T-1	Green/Red	2 / 5	White Diffused	70	2.6	30 mA	565 nm, 697 nm	5.2	0.1"	\$0.25	\$0.19
156946	Jameco Valuepro	UT0362-21-D61-R	3mm, T-1	Green/Red	2.7 / 13.3	White Diffused	50	2.1	30 mA	567 nm, 670 nm	5.1	0.1"	\$0.39	\$0.29
1995935	Lite-On Electronics	LTL-14CHJ	3mm, T-1	Green/Red Orange	4.8	White Diffused	200	2.6	30 mA	565 nm, 630 nm	4.45	0.1"	\$0.25	\$0.15
2186371	Lite-On Electronics	LTL-1BEWJ	3mm, T-1	Red/Green	12.6 / 5.6	White Diffused	140	1.8/2.1	40 mA, 30 mA	565 nm, 660 nm	5.15	0.1"	\$0.25	\$0.12
2224163	Kingbright Corporation	WP115WEGW	3mm, T-1	Red/Green	40	White Diffused	60	2.0/2.2	30 mA, 25 mA	568 nm, 617 nm	5	0.1"	\$0.25	\$0.15
2186451	Lite-On Electronics	LTL-1BEHKVMP1	3mm, T-1 RA	Red/Green	19 / 29	Water Clear	55	2.0/2.1	30 mA	565 nm, 650 nm	4.05	0.1"	\$0.25	\$0.05
2006772	Lite-On Electronics	LTL-2H3VYKNT1	5mm, T-1 3/4	Amber/Yellow	3400	Water Clear	15	2	50 mA	595 nm	8.7	0.1"	\$0.25	\$0.12
334182	Jameco Valuepro	GDG-5MMSURCSYGC	5mm, T-1 3/4	Green/Red	2 / 8	White Diffused	30	2.6	30 mA	565 nm, 697 nm	8.6	0.1"	\$0.25	\$0.19

Jameco Part #	Manufacturer	Manufacturer Part #	Package	Color	Luminous Intensity - Iv (mcd)	Lens Type	Viewing Angle (deg)	Forward Voltage - Vf (Typ.)	Forward Current - If (Typ.)	Wavelength	Height (mm)	Lead Pitch	Price 1	Price 10
2266591	Jameco Valuepro	5ARG9HWB	5mm, T-1 3/4	Green/Red	2.6	White Diffused			20 mA, 20 mA	565 nm, 697 nm	8.6	0.1"	\$0.29	\$0.19
34673	Jameco Valuepro	LHG3392	5mm, T-1 3/4	Green/Red	3 / 12	White Diffused	70	2.8	30 mA	565 nm, 697 nm	8.6	0.1"	\$0.25	\$0.19
697557	Hewlett Packard	HLMP-4000	5mm, T-1 3/4	Green/Red	5.6 / 19	White Diffused	30	2.6	30 mA	565 nm, 697 nm	8.6	0.05"	\$0.25	\$0.10
1995960	Lite-On Electronics	LTL-30EHJ-002	5mm, T-1 3/4	Green/Red Orange	29 / 40	White Diffused	30	2.1	30 mA	565 nm, 630 nm	8.6	0.05"	\$0.25	\$0.15
2219559	Jameco Valuepro	RGB LED CC-5	5mm, T-1 3/4	RGB	1700 / 5000 / 4000	Diffused	25	1.9/3.0/3.0	20 mA	620 nm, 520 nm, 465 nm	8.7	0.05"	\$1.25	\$0.99
2211127	Jameco Valuepro	MSL-504RGB-4P+	5mm, T-1 3/4	RGB	2000 / 3000 / 1200	Water Clear	25	2.0/3.4/3.4	25 mA	625 nm, 525 nm, 470 nm	7.9	0.05"	\$0.69	\$0.59
2211119	Jameco Valuepro	MSL-504RGB-4P-	5mm, T-1 3/4	RGB	2000 / 3000 / 1200	Water Clear	25	2.0/3.4/3.4	30 mA	625 nm, 525 nm, 470 nm	7.9	0.1"	\$0.79	\$0.75
2299591	MCD Electronics	MCDL-5013RBGC-C-15"	5mm, T-1 3/4	RGB	2000 / 3000 / 1200	Water Clear	25	2.0/3.5/3.5	20 mA	625 nm, 525 nm, 470 nm	8.7	15" Leads w/ conn.	\$1.49	\$1.25
2299583	MCD Electronics	MCDL-5013RBGC-C-9"	5mm, T-1 3/4	RGB	2000 / 3000 / 1200	Water Clear	25	2.0/3.5/3.5	20 mA	625 nm, 525 nm, 470 nm	8.7	9" Leads w/ conn.	\$1.49	\$1.25
2128500	Jameco Valuepro	MCDL-5013RGB-C-TL-A	5mm, T-1 3/4	RGB	3000 / 5000 / 1000	Water Clear	25	2.0/3.5/3.5	30 mA	628 nm, 525 nm, 470 nm	8.7	0.05"	\$2.25	\$1.95
2210829	MCD Electronics	MCDL-5T8R6G5B6C-CA	5mm, T-1 3/4	RGB	3500 / 4000 / 2000	Water Clear	20	2.25/3.5/3.5	30 mA	624 nm, 525 nm, 470 nm	8.7	0.05"	\$1.59	\$1.49
2125181	Jameco Valuepro	MCDL-5T8R6G5B6C	5mm, T-1 3/4	RGB	3500 / 4000 / 2000	Water Clear	20	2.25/3.5/3.5	30 mA	624 nm, 525 nm, 470 nm	8.7	0.1"	\$2.25	\$1.95
2228957	Jameco Valuepro	RGB-LED-CC-5-WC	5mm, T-1 3/4	RGB	5000 / 9000 / 6000	Water Clear	20	2.0/3.2/3.2	30 mA	625 nm, 525 nm, 470 nm	8.7	0.05"	\$0.39	\$0.35
2236439	Sunled Corporation	XLMDKDG59MW3.15	5mm, T-1 3/4	Red/Green	1195 / 1495	Diffused	60	3.3	20 mA	650 nm, 515 nm	8.6	3" Leads	\$0.99	\$0.89



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LED PC Mount Housings

Jameco Part #	Manufacturer	Manufacturer Part #	LED Display Type	Color	Lens Type	Package	Wavelength	Luminous Intensity - Iv (mcd)	Viewing Angle (deg)	Forward Voltage - Vf (Typ.)	Forward Current - If (Typ.)	Height (mm)	Price 1	Price 10
2186478	Lite-On Electronics	LTL-30EFJNFH52	Array of 4 PC Mt.	Red/Green	White Diffused	5mm, T-1 3/4	565 nm, 697 nm	8.9/29	30	2.1	15 mA, 30 mA	13	\$0.25	\$0.05
2281095	Dialight	550-1306	PCB Mount	Green	Diffused	5mm, T-1 3/4 RA	565 nm	1.8	50	2.1	20 mA	6.1	\$0.25	\$0.15
2186291	Lite-On Electronics	LTL-534-11	PCB Mount	Green	Diffused	5mm, T-1 3/4 RA	565 nm	19	3	2.1	10 mA	13.5	\$0.39	\$0.29
104256	Everlight Electronics	MV64539.MP7	PCB Mount	Green	Diffused	5mm, T-1 3/4 RA	565 nm	28	65	2.2	20 mA	6.22	\$0.45	\$0.35
2306943	Dialight	550-0206	PCB Mount	Green	Diffused	5mm, T-1 3/4 RA	565 nm	3.2	50	2.3	20 mA	5.22	\$0.25	\$0.19
2183082	Dialight	551-3107	PCB Mount	Green/Yellow	White Diffused	3mm, T-1 RA	565 nm, 585 nm	4.3/6.3	80	2.1	20 mA		\$0.25	\$0.15
104248	Jameco Valuepro	LA93B/H-1	PCB Mount	Red	Diffused	5mm, T-1 3/4	697 nm	6.5	46	2.6	15 mA	6	\$0.25	\$0.21
2280391	Fairchild Semiconductor	MV60538MP6	PCB Mount	Red	Diffused	5mm, T-1 3/4 RA	660 nm	2	65	2.2	20 mA		\$0.25	\$0.15
2186312	Lite-On Electronics	LTL-514-11	PCB Mount	Red	Diffused	5mm, T-1 3/4 RA	697 nm	19	34	2.1	30 mA	7	\$0.25	\$0.15
2183058	Dialight	550-3006	PCB Mount	Red/Green	White Diffused	5mm, T-1 3/4	565 nm, 660 nm	90/40	60	1.8/2.1	40 mA, 30 mA	6.22	\$0.69	\$0.59
2133552	Dialight	550-1206	PCB Mount	Yellow	Diffused	5mm, T-1 3/4	583 nm	1.8	50	1.9	20 mA	6.1	\$0.69	\$0.59



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[Miniature Fluorescent Lamp](#)

Jameco Part #	Manufacturer	Manufacturer Part #	Price 1
2100005	Lightwave	LW20EB20-120	\$3.59
2077466	JKL Components Corporation	FLC12-12	\$0.39

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[Neon Lamps](#)

Jameco Part #	Manufacturer	Manufacturer Part #	Illumination Type	Industry Number	Base Type	Size	Color	Price 1
27351	Jameco Valuepro	NE-2	Neon	NE-2 1A1	Leads	5.0 mm x 12 mm	Clear	\$0.35
210260	Jameco Valuepro	NE-2E/A9A	Neon	NE-2E A9A	Leads		Clear	\$0.35
210315	Jameco Valuepro	NE-2H/C2A	Neon	NE-2H C2A	Leads	6.2 mm x 18 mm	Clear	\$0.35



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[Opto Components-Optical Switches](#)

Jameco Part #	Manufacturer	Manufacturer Part #	Configuration	Wavelength	Gap Width	Maximum Power Dissipation	Maximum Collector Emitter Voltage	Price 1
2215890	Omron	EE-SA105	Optical Actuator	940 nm	N/A	100 mW	30 V	\$2.95
114091	Isocom Components	H21A1	Photointerrupter	940 nm	3 mm	150 mW	30 V	\$1.49
2078282	Siemens Corporation	IRLA075	Photointerrupter	940 nm	3 mm	N/A	30 V	\$0.99
2281287	National Semiconductor	OPB3902	Photointerrupter	940 nm	3.12 mm	100 mW	30 V	\$0.79
320901	Major Brands	H21A3	Photointerrupter	940 nm	3.3 mm	150 mW	30 V	\$1.49
1872628	Optek Technology	OPB606A	Reflective	935 nm	N/A	75 mW	30 V	\$1.39
874939	Fairchild Semiconductor	QRD1114	Reflective Sensor	940 nm	N/A	100 mW	30 V	\$1.49
2202378	Lite-On Electronics	LTH-1550-01	Reflective Sensor	IR	N/A	90 mW	30 V	\$0.59



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[Opto Components-Optoisolators](#)

Jameco Part #	Manufacturer	Manufacturer Part #	Channels	Package	Minimum Isolation Voltage	Output Type	Detector Maximum Collector Voltage	Price 1
2006385	Lite-On Electronics	LTV-814H	1	DIP-4	5000 Vrms	NPN	35 V	\$0.35
2281079	Jameco Valuepro	2561LJ543	1	DIP-4	5000 Vrms	NPN	80 V	\$0.39
320688	Major Brands	PS2502-1	1	DIP-4	5300 Vrms	Darlington	40 V	\$0.85
2285919	Vishay	SFH615AGB	1	DIP-4	5300 Vrms	NPN	70 V	\$0.65
2286199	Vishay	SFH620AA	1	DIP-4	5300 Vrms	NPN	70 V	\$0.79
2285911	Vishay	SFH615AA	1	DIP-4	5300 Vrms	NPN	70 V	\$0.65
320653	Major Brands	PS2501-1	1	DIP-4	5300 Vrms	NPN	80 V	\$0.49
320371	Vishay	4N37	1	DIP-6	1500 Vrms	Transistor with Base	30 V	\$0.49
95038	Major Brands	MOC3021	1	DIP-6	5000 Vrms	AC Triac 400VDRM	-	\$0.45
277780	Major Brands	MOC3020M	1	DIP-6	5000 Vrms	AC Triac 400VDRM	-	\$0.55
18825	Major Brands	H11AA1	1	DIP-6	5000 Vrms	NPN	30 V	\$0.59
277464	Vishay	4N36	1	DIP-6	5000 Vrms	Transistor with Base	30 V	\$0.49
144240	Major Brands	4N27	1	DIP-6	5000 Vrms	Transistor with Base	70 V	\$0.39
2302607	TI	TLP635G	1	DIP-6	5000 Vrms	Transistor with Base	80 V	\$1.09
871341	Fairchild Semiconductor	H11L1M	1	DIP-6	5250 Vrms	Open Collector	16	\$0.89
26278	Major Brands	MOC3010	1	DIP-6	5300 Vrms	AC Triac 250VDRM	-	\$0.59
26294	Jameco Valuepro	MOC3031M	1	DIP-6	5300 Vrms	AC Triac 250VDRM	-	\$0.85
41030	Major Brands	4N33	1	DIP-6	5300 Vrms	Darlington	30 V	\$0.59
2281375	Major Brands	SFH-601-1V	1	DIP-6	5300 Vrms	NPN	100 V	\$0.49
40985	Major Brands	4N25	1	DIP-6	5300 Vrms	NPN	30 V	\$0.45
41056	Major Brands	4N35	1	DIP-6	5300 Vrms	NPN	30 V	\$0.00
41005	Major Brands	4N26	1	DIP-6	5300 Vrms	NPN	30 V	\$0.45
41021	Major Brands	4N32	1	DIP-6	5300 Vrms	NPN	30 V	\$0.59
320451	Major Brands	H11AA4	1	DIP-6	5300 Vrms	NPN	30 V	\$0.59
2289095	Major Brands	MOC8104	1	DIP-6	5300 Vrms	NPN	30 V	\$0.59
277561	Vishay	H11A1	1	DIP-6	5300 Vrms	NPN	70 V	\$0.59
2295831	Major Brands	TIL111	1	DIP-6	5300 Vrms	Transistor with Base	30 V	\$0.45

Jameco Part #	Manufacturer	Manufacturer Part #	Channels	Package	Minimum Isolation Voltage	Output Type	Detector Maximum Collector Voltage	Price 1
320493	Fairchild Semiconductor	H11D1	1	DIP-6	7500 Vrms	NPN	300 V	\$0.59
42489	Major Brands	6N138	1	DIP-8	2500 Vrms	Darlington	-	\$0.55
113911	Major Brands	6N137	1	DIP-8	2500 Vrms	Open Collector	7 V	\$0.55
320661	Major Brands	PS2501-2	1	DIP-8	5000 Vrms	NPN	80 V	\$0.79
2298431	Hewlett Packard	HCPL3700	1		2500 Vrms	Darlington	20 V	\$2.95
2298439	Hewlett Packard	HCPL4100	1		3750 Vrms	Current Loop Transmitter	-	\$1.95
2298447	Hewlett Packard	HCPL4200	1		3750 Vrms	Current Loop Receiver	-	\$1.95
2298407	Hewlett Packard	HCPL2200	1		3750 Vrms	Tri-State	-	\$1.95
2298415	Hewlett Packard	HCPL2503	1		2500 Vrms	Transistor with Base	-	\$0.99
24918	Major Brands	MCT-6	2	DIP-8	5000 Vrms	NPN	30 V	\$0.65
672325	Major Brands	MCT62	2	DIP-8	5000 Vrms	NPN	30 V	\$0.65
2298423	Hewlett Packard	HCPL2730	2		2500 Vrms	Darlington	7 V	\$0.99
878286	Lite-On Electronics	LTV-847	4	DIP-16	5000 Vrms	NPN	35 V	\$0.75
160362	Major Brands	PS2502-4	4	DIP-16	5300 Vrms	NPN	40 V	\$2.95
160338	Major Brands	PS2501-4	4	DIP-16	5300 Vrms	NPN	80 V	\$1.59



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[Opto Components-Photocells CDS](#)

Jameco Part #	Manufacturer	Manufacturer Part #	Cell Resistance Min-Max @ 10 LUX (K ohms)	Cell Resistance @ 0 Lux/10sec. (K ohms)	Allowable Power Disipation at 25C (mW)	Applied Voltage Peak at 25C (VDC)	Peak Spectral Response (nm)	Price 1
202382	Jameco Valuepro	CDS002-9008	10 to 200	20000	90	150		\$1.49
202454	Jameco Valuepro	CDS004-5003	12 to 58	1000	400	350	570	\$1.79
202438	Jameco Valuepro	CDS003-7004	15 to 60	500	150	200		\$0.99
202420	Jameco Valuepro	CDS001-8003	16 to 33	500	125	150	580	\$1.15
120310	Jameco Valuepro	CDS002-9004	27 to 60	2000	125	150	570	\$1.49
202403	Jameco Valuepro	CDS001-8001	3 to 11	200	100	150		\$1.15
120301	Jameco Valuepro	CDS003-7001	3 to 11	300	150	200	570	\$1.25
202366	Jameco Valuepro	CDS002-9001	4 to 11	300	125	150	570	\$1.49
202391	Jameco Valuepro	CDS002-9203	5 to 20	20000	90	150		\$1.49
120299	Jameco Valuepro	CDS004-5001	8 to 16	300	250	250	550	\$1.79
202411	Jameco Valuepro	CDS001-8006	80 to 240	5000	100	150		\$1.15



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[Opto Components-SPECIAL SHAPES](#)

Jameco Part #	Manufacturer	Manufacturer Part #	LED Display Type	Color	Lens Type	Package	Wavelength	Price 1	Price 10
2230601	Jameco Valuepro	XSFRS23MBBA	Cube	Ice Blue	Clear Diffused	5mm x 5mm	x: 0.17, y: 0.30	\$0.65	\$0.55
2133464	Lumex Optoelectronics	SSL-LX3353SYD	Cube	Yellow	Yellow Diffused	3mm x 3mm	590 nm	\$0.25	\$0.15
2298495	Hewlett Packard	HLMP0504	Rectangular	Green	Green Diffused	2.35mm x 7.31mm	565 nm	\$0.49	\$0.39
2186347	Lite-On Electronics	LTL-3231A-012	Rectangular	Green	Green Diffused	2mm x 5mm	585 nm	\$0.25	\$0.15
2299503	Jameco Valuepro	BL1.8-1.6GRN	Rectangular	Green	Water Clear	2.5mm x 3.2mm	565 nm	\$0.25	\$0.19
2298471	Hewlett Packard	HLMP-R100	Rectangular	Red	Red Diffused	2.35mm x 7.31mm	637 nm	\$0.25	\$0.15
320291	Lite-On Electronics	LTL-3211A	Rectangular	Red	Red Diffused	2mm x 5mm	657 nm	\$0.25	\$0.15
1870391	Everlight Electronics	MV57124A	Rectangular	Red	Red Diffused	3.17mm x 6.22mm	635 nm	\$0.29	\$0.19
2298479	Hewlett Packard	HLMP0301	Rectangular	Red High Efficiency	Red Diffused	2.35mm x 7.31mm	635 nm	\$0.25	\$0.19
2299487	Jameco Valuepro	BL1.8-1.6WH	Rectangular	White	Water Clear	2.1mm x 3.1mm	6500 K	\$0.25	\$0.19
2299495	Jameco Valuepro	BL1.8-2.6WH	Rectangular	White	Water Clear	2mm x 4mm	6500 K	\$0.25	\$0.19
2298487	Hewlett Packard	HLMP0401	Rectangular	Yellow	Yellow Diffused	2.35mm x 7.31mm	585 nm	\$0.49	\$0.39
2186267	Lite-On Electronics	LTL-433Y	Rectangular	Yellow	Yellow Diffused	2mm x 5mm	585 nm	\$0.25	\$0.15
2305127	Jameco Valuepro	8BB4-O-T-SB	Standard Dome	Blue	Blue Diffused	8mm	465 nm	\$0.39	\$0.35
2305623	Jameco Valuepro	1.8BB4-O-T-SB	Standard Dome	Blue	Blue Transparent	1.8 mm	465 nm	\$0.25	\$0.15
2305135	Jameco Valuepro	8WB4-O-T-SB	Standard Dome	Blue	Water Clear	8mm	465 nm	\$0.39	\$0.35
2305143	Jameco Valuepro	8GG4-O-T-SB	Standard Dome	Green	Green Diffused	8mm	530 nm	\$0.39	\$0.35
2308623	Jameco Valuepro	1.8OO4-O-T-SB	Standard Dome	Orange	Orange Transparent	1.8 mm	600 nm	\$0.25	\$0.15
2305119	Jameco Valuepro	8RR4-O-T-SB	Standard Dome	Red	Red Diffused	8mm	690 nm	\$0.39	\$0.35
2305151	Jameco Valuepro	1.8RR4-O-T-SB	Standard Dome	Red	Red Transparent	1.8 mm	635 nm	\$0.25	\$0.15
2308615	Jameco Valuepro	1.8YYL4-O-T-SB	Standard Dome	Yellow	Yellow Transparent	1.8 mm	585 nm	\$0.25	\$0.15
2305159	Jameco Valuepro	1.8GYG4-O-T-SB	Standard Dome	Yellow/Green	Green Transparent	1.8 mm	670 nm	\$0.25	\$0.15



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[PCB Standoffs](#)

Jameco Part #	Manufacturer	Manufacturer Part #	Product Type	Gender	Hex Size (in.)	Thread Size	Length (inch)	Price 1
2133755	Jameco Valuepro	PCTS3C	Board Support	Snap On		Hole Size 0.5"	0.7	\$0.25
28337	Keystone Electronics	8819	Board Support	Snap On 0.625"		Hole Size 0.156"	1.18	\$0.25
2191592	Busboard Prototype Systems	SA120X8	Board Support	Snap On/Adhesive	0.125	Hole Size 0.125"	0.12	\$2.75
2100064	Jameco Valuepro	SR1036	Standoffs	M/M		Snap on	0.75	\$0.04



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[Pulse Width Modulation ICs](#)

Jameco Part #	Manufacturer	Manufacturer Part #	Description	Supplier Package	Topology	Price 1
760683	TI	TL594CN	Pulse Width Modulation (PWM) Control Circuit 2 Output DIP-16	DIP-16	Boost, Flyback, Forward, Push-Pull	\$0.89
33355	Major Brands	TL494CN	IC TL494CN Voltage Mode Pulse Width Modulator Controller 250 mA 16-pin DIP	DIP-16	Push-Pull	\$0.59
31974	Major Brands	SG3524	Voltage Mode Pulse Width Modulator Controller 100 mA 16-Pin CDIP N	DIP-16	Push-Pull	\$0.99
2297087	Sprague/Vishay Intertechnology	UC494ACN	Advanced Regulating Pulse Width Modulator On-Chip 39V Zener Diode DIP-16	DIP-16	Single-Ended, Push-Pull	\$3.49
2297127	Major Brands	UC3525AN	UC3525 Regulating Pulse Width Modulator Dual Output 400kHz DIP-16	DIP-16	Single-Ended, Two-Switch	\$2.39
2004401	National Semiconductor	UC3844AN	Current Mode PWM Controller 1A 8-Pin Plastic DIP	DIP-8	Boost, Buck, Buck-Boost, Flyback, Forward	\$0.59



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Special Function LEDs

Jameco Part #	Manufacturer	Manufacturer Part #	Package	Color	Luminous Intensity - Iv (mcd)	Lens Type	Viewing Angle (deg)	Forward Voltage - Vf (Typ.)	Forward Current - If (Typ.)	Wavelength	Height (mm)	Mounting	Price 1
2152163	Jameco Valuepro	MCDL-10003RGBW-B	10mm, T3-1/4	RGB Auto Blinking	800/900/600	Diffused White	20	3	30 mA	625 nm, 525 nm, 470 nm	13.2	0.1"	\$1.95
2129625	Jameco Valuepro	LDUV3333	10mm, T3-1/4	UV	450	Water Clear	20	3.5	30 mA	400 nm	8.6	0.1"	\$0.99
2305751	Jameco Valuepro	5BR4-O-T-12V-SB	5mm, T-1 3/4	Blue	7500	Water Clear	30	12	120 mA	465 nm	8.6	0.1"	\$0.59
2305791	Jameco Valuepro	5GR4-O-T-360-SB	5mm, T-1 3/4	Green	1100	Water Clear	360	3.3	20 mA	530 nm	6.8	0.1"	\$0.59
2305727	Jameco Valuepro	5GR4-O-T-12V-SB	5mm, T-1 3/4	Green	13000	Water Clear	30	12	120 mA	530 nm	8.6	0.1"	\$0.59
2157271	Jameco Valuepro	MCDL-5013RGBW-B	5mm, T-1 3/4	RGB Auto Blinking	300	Diffused	40	3	20 mA	630 nm, 525 nm, 470 nm	8.6	0.1"	\$1.49
2299479	Jameco Valuepro	2P-RGB-S-335-S	5mm, T-1 3/4	RGB Auto Blinking	4,000/4,500/8,000	Water Clear	35	3.1	80 mA	630 nm, 525 nm, 470 nm	7.6	0.1"	\$0.49
2299463	Jameco Valuepro	2P-RGB-F-335-F	5mm, T-1 3/4	RGB Auto Blinking	4,000/4,500/8,000	Water Clear	35	3.1	80 mA	630 nm, 525 nm, 470 nm	7.6	0.1"	\$0.59
2299455	Jameco Valuepro	0.3W-2P-RGB-F-335-F	5mm, T-1 3/4	RGB Auto Blinking	8,000/11,000/18,000	Water Clear	35	3.1	80 mA	630 nm, 525 nm, 470 nm	7.6	0.1"	\$0.49
2299471	Jameco Valuepro	0.3W-2P-RGB-S-335-S	5mm, T-1 3/4	RGB Auto Blinking	8,000/11,000/18,000	Water Clear	35	3.1	80 mA	630 nm, 525 nm, 470 nm	7.6	0.1"	\$0.59
2305719	Jameco Valuepro	5RR4-O-T-12V-SB	5mm, T-1 3/4	Red	13000	Water Clear	30	12	120 mA	630 nm	8.6	0.1"	\$0.59
34690	Jameco Valuepro	LFH3360	5mm, T-1 3/4	Red	2.8	Diffused	30	3 to 12	60 mA	697 nm	8.6	0.1"	\$0.39
2305799	Jameco Valuepro	5RR4-O-T-360-SB	5mm, T-1 3/4	Red	600	Water Clear	360	2	20 mA	630 nm	6.8	0.1"	\$0.59
2186558	Lite-On Electronics	MSB557DA-OHM	5mm, T-1 3/4	Red	80	Diffused	40	3	28 mA	660 nm	8.7	0.1"	\$0.25

Jameco Part #	Manufacturer	Manufacturer Part #	Package	Color	Luminous Intensity - Iv (mcd)	Lens Type	Viewing Angle (deg)	Forward Voltage - Vf (Typ.)	Forward Current - If (Typ.)	Wavelength	Height (mm)	Mounting	Price 1
2274823	Jameco Valuepro	5WUV4-Y-T	5mm, T-1 3/4	UV	1000	Water Clear	30	3.2	20 mA	405 nm	8.6	0.1"	\$0.45
2305807	Jameco Valuepro	5WR4-O-T-360-SB	5mm, T-1 3/4	White	1100	Water Clear	360	3.2	20 mA	7000 K	6.8	0.1"	\$0.59
2305735	Jameco Valuepro	5WR4-O-T-12V-SB	5mm, T-1 3/4	White	12000	Water Clear	30	12	120 mA	6500 K	8.6	0.1"	\$0.59
2299439	Jameco Valuepro	F-3-1HZ-600-W	5mm, T-1 3/4	White	12000	Water Clear	35	3.1	20 mA	6500 K	4.1	0.1"	\$0.49
2299447	Jameco Valuepro	FLI-5-5922-Y	5mm, T-1 3/4	Yellow	220	Water Clear	35	2	20 mA	590 nm	7.6	0.1"	\$0.49



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[Standard Output 10mm LEDs](#)

Jameco Part #	Manufacturer	Manufacturer Part #	Package	Color	Brightness (mcd)	Lens Type	Viewing Angle (deg)	Forward Voltage - Vf (Typ.)	Forward Current - If (Typ.)	Wavelength	Height (mm)	Mounting	Price 1	Price 10
2152104	Jameco Valuepro	MCDL-10003SGD	10mm, T-3 1/4	Green	50	Diffused	60	2.2	30 mA	570 nm	13.2	0.1"	\$0.59	\$0.55
2152139	Jameco Valuepro	MCDL-10003ED-E	10mm, T-3 1/4	Orange	25	Diffused	60	2	30 mA	610 nm	13.2	0.1"	\$0.45	\$0.39
2152112	Jameco Valuepro	MCDL-10003SED	10mm, T-3 1/4	Red	35	Diffused	60	2	30 mA	635 nm	13.2	0.1"	\$0.49	\$0.35
2152121	Jameco Valuepro	MCDL-10003SYD	10mm, T-3 1/4	Yellow	35	Diffused	60	2	30 mA	590 nm	13.2	0.1"	\$0.55	\$0.49



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Standard Output 3mm LEDs

Jameco Part #	Manufacturer	Manufacturer Part #	Package	Color	Brightness (mcd)	Lens Type	Viewing Angle (deg)	Forward Voltage - Vf (Typ.)	Forward Current - If (Typ.)	Wavelength	Height (mm)	Mounting	Price 1	Price 10
333383	Jameco Valuepro	UT63B1-41-URC3	3mm, T-1	Blue	50	Diffused	54	3.8	30 mA	466 nm	5.3	0.1"	\$0.49	\$0.39
253631	Hewlett Packard	HLMP-1585	3mm, T-1	Green	8.5	Diffused	75	2.2	10 mA	565 nm	6.3	0.1"	\$0.25	\$0.15
333201	Jameco Valuepro	LG12340	3mm, T-1	Green	9.6	Diffused	112	2.6	30 mA	565 nm	4.1	0.1"	\$0.25	\$0.12
697629	Lite-On Electronics	LTL-4231	3mm, T-1	Green	12.6	Diffused	40	2.6	30 mA	569 nm	5.25	0.1"	\$0.25	\$0.09
2194152	Lite-On Electronics	LTL-4231NLDLR1	3mm, T-1	Green	12.6	Diffused	60	2.1	30 mA	565 nm	4.45	0.1"	\$0.25	\$0.15
211086	Lite-On Electronics	LTL-4231N-022	3mm, T-1	Green	12.6	Diffused	60	2.1	30 mA	565 nm	5.25	0.1"	\$0.25	\$0.15
697637	Lite-On Electronics	LTL-4231N	3mm, T-1	Green	12.6	Diffused	60	2.1	30 mA	572 nm	4.45	0.1"	\$0.25	\$0.12
34606	Jameco Valuepro	LSG2040	3mm, T-1	Green	15	Diffused	36	2.6	30 mA	560 nm	5.2	0.1"	\$0.25	\$0.15
2155233	Arndt	BVL-360G1D	3mm, T-1	Green	18	Diffused	55	2.3	30 mA	573 nm	4.5	0.1"	\$0.25	\$0.12
156930	Jameco Valuepro	UT0321-41-HE-R	3mm, T-1	Green	30	Diffused	60	2.6	30 mA	572 nm	5.1	0.1"	\$0.25	\$0.15
152785	Jameco Valuepro	UT0341R-41-R	3mm, T-1	Orange Red	15.5	Diffused	56	2.1	30 mA	635 nm	5.1	0.1"	\$0.25	\$0.12
2081932	Jameco Valuepro	BVL-300E5D	3mm, T-1	Orange Red	18	Diffused	45	2.1	20 mA	622 nm	5.3	0.1"	\$0.25	\$0.15
94529	Jameco Valuepro	LH2040	3mm, T-1	Red	4.5	Diffused	36	2.6	15 mA	697 nm	5.2	0.1"	\$0.25	\$0.19
697590	Lite-On Electronics	LTL-4221N	3mm, T-1	Red	8.7	Diffused	60	2.6	30 mA	635 nm	5.1	4mm	\$0.25	\$0.15
202471	Unity Opto Technology	MCDL-314ED	3mm, T-1	Red	9	Diffused	40	2.8	30 mA	640 nm	5.25	0.1"	\$0.25	\$0.15

Jameco Part #	Manufacturer	Manufacturer Part #	Package	Color	Brightness (mcd)	Lens Type	Viewing Angle (deg)	Forward Voltage - Vf (Typ.)	Forward Current - If (Typ.)	Wavelength	Height (mm)	Mounting	Price 1	Price 10
2186435	Lite-On Electronics	LTL-16KEE-002	3mm, T-1	Red	19	Non Diffused	45	2	30 mA	635 nm	5.2	0.1"	\$0.25	\$0.12
333851	Jameco Valuepro	UT6371-41-M1-R	3mm, T-1	Red	65	Diffused	60	2.2	30 mA	643 nm	4.3	0.1"	\$0.25	\$0.12
2194144	Lite-On Electronics	LTL-4231NLDLLC	3mm, T-1	Yellow	1.1	Diffused	60	1.9	20 mA	565 nm	4.3	0.1"	\$0.25	\$0.06
2298455	Stanley Electric	AY3932S	3mm, T-1	Yellow	12	Diffused	50	2.2	10 mA	588 nm	5.5	0.1"	\$0.25	\$0.15
2155241	Arndt	BVL-360Y1D	3mm, T-1	Yellow	14	Diffused	55	2.2	30 mA	590 nm	4.5	0.1"	\$0.25	\$0.15
2006705	Lite-On Electronics	LTL-1CHYE	3mm, T-1	Yellow	40	Diffused	45	2.1	10 mA	585 nm	5.2	0.1"	\$0.25	\$0.07
2133632	Arndt	LT0333N-41-UR91	3mm, T-1	Yellow	700	Water Clear	35	1.9	20 mA	591 nm	5.2	0.1"	\$0.25	\$0.12



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Super Bright LEDs

Jameco Part #	Manufacturer	Manufacturer Part #	Package	Color	Brightness (mcd)	Lens Type	Viewing Angle (deg)	Forward Voltage - Vf (Typ.)	Forward Current - If (Typ.)	Wavelength	Height (mm)	Lead Pitch	Price 1	Price 10
2209115	MCD Electronics	MCD-10003UBD	10mm, T-3 1/4	Blue	600	Diffused	60	3.5	30 mA	470 nm	14	0.1"	\$0.99	\$0.89
2238311	Jameco Valuepro	10MMLED-PINK	10mm, T-3 1/4	Pink	5000	Water Clear	20	3.2	20 mA	440 nm	10.9	0.1"	\$0.25	\$0.19
2152155	Jameco Valuepro	MCDL-10003URD-U12	10mm, T-3 1/4	Red	600	Diffused	60	1.8	30 mA	660 nm	14	0.1"	\$0.59	\$0.55
2294559	Jameco Valuepro	5W3VWHITE	10mm, T-3 1/4	White	9000	Water Clear	20	3	20 mA	7000 K	10.9	0.1"	\$0.59	\$0.49
2205341	Jameco Valuepro	MCD-10003UWC	10mm, T-3 1/4	White	9000	Water Clear	20	3.5	30 mA	5500 K - 7000 K	14	0.1"	\$0.89	\$0.79
137411	Jameco Valuepro	LVB2040	3mm, T-1	Blue	900	Diffused	34	3.5	30 mA	470 nm	5.2	0.1"	\$0.79	\$0.69
334749	Jameco Valuepro	UT63B3-41-URE3-R	3mm, T-1	Blue	900	Water Clear	45	3.2	20 mA	470 nm	4.3	0.1"	\$0.25	\$0.19
2168421	Jameco Valuepro	3MMLED-BLUE	3mm, T-1	Blue	5000	Diffused	120	3.4	20 mA	465 nm	5.1	0.1"	\$0.29	\$0.25
2283655	Jameco Valuepro	3MMLED-BLUE-CLR	3mm, T-1	Blue	5000	Water Clear	120	3.4	20 mA	465 nm	5.1	0.1"	\$0.25	\$0.19
98968	Avago Technologies	QLMP-LB98	3mm, T-1	Blue Oval	550	Water Clear	30	3.5	20 mA	470 nm	5.2	0.1"	\$0.29	\$0.25
175679	Jameco Valuepro	LVG2041	3mm, T-1	Green	220	Non Diffused	30	2.6	30 mA	565 nm	5.2	0.1"	\$0.25	\$0.12
2169846	Jameco Valuepro	3MMLED-GREEN	3mm, T-1	Green	5000	Diffused	120	3.4	20 mA	520 nm	5.1	0.1"	\$0.25	\$0.19
156954	Jameco Valuepro	UT0373-41-R	3mm, T-1	Red	100	Water Clear	36	2.2	30 mA	660 nm	5.1	0.1"	\$0.25	\$0.19
206498	Jameco Valuepro	LHR2041	3mm, T-1	Red	350	Non Diffused	30	2.4	30 mA	660 nm	5.2	0.1"	\$0.25	\$0.15
2205430	Jameco Valuepro	MCDL-3014UEC-TL	3mm, T-1	Red	3000	Water Clear	25	2.1	20 mA	620 nm	5.3	0.1"	\$0.59	\$0.49
334764	Jameco Valuepro	LWK2043	3mm, T-1	White	900	Clear	30	3.5	30 mA	6500 K	5.2	0.1"	\$0.99	\$0.89
2174881	Jameco Valuepro	3MMLED-WHITE	3mm, T-1	White	8000	Diffused	120	3.4	20 mA	400 nm	5.1	0.1"	\$0.25	\$0.19
2275055	Jameco Valuepro	3mmLED-WHITE-CLR	3mm, T-1	White	8000	Water Clear	120	3.4	20 mA	650 nm	5.1	0.1"	\$0.25	\$0.15
206480	Jameco Valuepro	LVY2041	3mm, T-1	Yellow	450	Non Diffused	30	2.6	30 mA	595 nm	5.1	0.1"	\$0.25	\$0.12
2228501	Cree	C4SMB-BGF	4mm Oval	Blue	2130	Non Diffused		3.2	35 mA	470 nm	6.3	0.1"	\$0.25	\$0.12
2228480	Cree	C4SMB-RGF	4mm Oval	Red	2800	Non Diffused		2	50 mA	621 nm	6.3	0.1"	\$0.25	\$0.12

Jameco Part #	Manufacturer	Manufacturer Part #	Package	Color	Brightness (mcd)	Lens Type	Viewing Angle (deg)	Forward Voltage - Vf (Typ.)	Forward Current - If (Typ.)	Wavelength	Height (mm)	Lead Pitch	Price 1	Price 10
2276671	Lite-On Electronics	LTL2H3VYKNT	5mm, T-1 3/4	Amber	3400	Clear	15	2	20 mA	592 nm	8.7	0.1"	\$0.25	\$0.15
2290239	Avago Technologies	HLMP-EL1A-Z1KDD	5mm, T-1 3/4	Amber	21000	Water Clear	15	2.1	50 mA	590 nm	8.7	0.1"	\$0.39	\$0.35
2186419	Lite-On Electronics	LTL-2H3VYKNT	5mm, T-1 3/4	Amber Yellow	3400	Water Clear	15	2	20 mA	595 nm	8.7	0.1"	\$0.25	\$0.12
2276399	Avago Technologies	HLMP-CB30-K0000	5mm, T-1 3/4	Blue	310	Clear	30	3.2	20 mA	470 nm	8.71	0.1"	\$0.25	\$0.19
2234071	Jameco Valuepro	LL-50ABD2E-017	5mm, T-1 3/4	Blue	350	Diffused	55	3.5	20 mA	470 nm	8.6	0.1"	\$0.69	\$0.59
2239023	Jameco Valuepro	LED-5MMBLUE	5mm, T-1 3/4	Blue	900	Water Clear	30	3.5	30 mA	470 nm	8.7	0.1"	\$0.79	\$0.69
2234062	Sunled Corporation	XLCBD12D	5mm, T-1 3/4	Blue	995	Diffused	30	3.3	30 mA	460 nm	8.6	0.1"	\$0.79	\$0.69
2210896	OSRAM Opto Semiconductors	Q62703Q5931	5mm, T-1 3/4	Blue	2800	Water Clear	15	3.5	20 mA	470 nm	9	0.1"	\$0.29	\$0.25
183222	Jameco Valuepro	MCDL-5013UBC-TL	5mm, T-1 3/4	Blue	6000	Water Clear	18	3.5	20 mA	470 nm	8.7	0.1"	\$1.15	\$0.99
2231523	Jameco Valuepro	XLFB12W	5mm, T-1 3/4	Blue	6000	Water Clear	20	3.3	20 mA	465 nm	8.6	0.1"	\$0.99	\$0.89
2274839	Jameco Valuepro	5WB4-Y-T-SB	5mm, T-1 3/4	Blue	12000	Water Clear	30	3.2	20 mA	470 nm	8.6	0.1"	\$0.39	\$0.35
156962	Jameco Valuepro	UT1823-81-HE-R	5mm, T-1 3/4	Green	500	Water Clear	19	2.1	30 mA	567 nm	8.7	0.1"	\$0.25	\$0.15
333551	Jameco Valuepro	LVG13233	5mm, T-1 3/4	Green	600	White Non Diffused	18	1.7	20 mA	565 nm	9	0.1"	\$0.25	\$0.19
2077079	Agilent Technologies	HLMP-CM39-UVCDD	5mm, T-1 3/4	Green	5500	Clear Non Diffused	30	3.2	20 mA	530 nm	8.71	0.1"	\$0.25	\$0.15
2210706	Jameco Valuepro	MCDL-5013BGC-T	5mm, T-1 3/4	Green	7000	Water Clear	18	3.5	20 mA	505 nm	8.6	0.1"	\$0.49	\$0.39
2167251	Arndt	MCDL-5013BGC-TL	5mm, T-1 3/4	Green	11000	Water Clear	30	3.5	30 mA	510 nm	8.7	0.1"	\$0.49	\$0.39
2231507	Jameco Valuepro	XLDGK12W	5mm, T-1 3/4	Green	12000	Water Clear	20	3.3	20 mA	515 nm	8.6	0.1"	\$0.69	\$0.65

Jameco Part #	Manufacturer	Manufacturer Part #	Package	Color	Brightness (mcd)	Lens Type	Viewing Angle (deg)	Forward Voltage - Vf (Typ.)	Forward Current - If (Typ.)	Wavelength	Height (mm)	Lead Pitch	Price 1	Price 10
2274847	Jameco Valuepro	5WG4-Y-T-SB	5mm, T-1 3/4	Green	18000	Water Clear	30	3.2	20 mA	530 nm	8.6	0.1"	\$0.39	\$0.35
2278143	Jameco Valuepro	5WOR4-Y-T	5mm, T-1 3/4	Orange	12000	Water Clear	30	2.1	20 mA	600 nm	8.6	0.1"	\$0.25	\$0.15
2203813	Jameco Valuepro	MCDL-5013UEC-TL-H	5mm, T-1 3/4	Orange Red	7000	Water Clear	20	2	20 mA	630 nm	8.6	0.1"	\$0.25	\$0.19
2238303	Jameco Valuepro	5MMLLED-PINK	5mm, T-1 3/4	Pink	5000	Water Clear	20	3.2	20 mA	x: 0.33, y: 0.15	8.7	0.1"	\$0.29	\$0.19
2274879	Jameco Valuepro	5WP4-Y-T-SB	5mm, T-1 3/4	Pink	16000	Water Clear	30	3	20 mA	440 nm	8.6	0.1"	\$0.39	\$0.35
152864	Jameco Valuepro	BVU-501SR4	5mm, T-1 3/4	Red	600	Water Clear	20	1.8	40 mA	660 nm	8.7	0.1"	\$0.25	\$0.15
333497	Jameco Valuepro	LSR13233	5mm, T-1 3/4	Red	720	Water Clear	18	2.4	20 mA	660 nm	9	0.1"	\$0.25	\$0.15
206519	Jameco Valuepro	LHR3331	5mm, T-1 3/4	Red	900	Non Diffused	20	2.1	20 mA	660 nm	8.6	0.1"	\$0.25	\$0.19
2186321	Jameco Valuepro	BVU-501RD4	5mm, T-1 3/4	Red	1200	Water Clear	20	1.9	20 mA	660 nm	8.6	0.1"	\$0.25	\$0.19
333447	Jameco Valuepro	UT1873-81-UR-P22-R	5mm, T-1 3/4	Red	1600	Water Clear	25	1.9	30 mA	643 nm	8.7	0.1"	\$0.25	\$0.19
333526	Jameco Valuepro	LUR3833	5mm, T-1 3/4	Red	2700	Water Clear	30	2	20 mA	660 nm	8.7	0.1"	\$0.25	\$0.21
2188449	Jameco Valuepro	LHRF3333S/S46-PF-B01	5mm, T-1 3/4	Red	5000	Water Clear	30	2.1	20 mA	625 nm	8.6	0.1"	\$0.39	\$0.35
2231515	Jameco Valuepro	XLM2CRK12W	5mm, T-1 3/4	Red	10000	Water Clear	20	2.2	20 mA	640 nm	8.6	0.1"	\$0.39	\$0.29
2274831	Jameco Valuepro	5WR4-Y-T-SB	5mm, T-1 3/4	Red	12000	Water Clear	30	2.3	20 mA	630 nm	8.6	0.1"	\$0.39	\$0.35
2292991	Avago Technologies	HLMP-EG1A-Z10DD	5mm, T-1 3/4	Red	21000	Water Clear	15	2.1	20 mA	634 nm	8.91	0.1"	\$0.49	\$0.39
2278823	Jameco Valuepro	0.5W-RRD4-Y-T	5mm, T-1 3/4	Red	35000	Water Clear	30	2.1	120 mA	625 nm	8.6	0.1"	\$0.39	\$0.35
2274871	Jameco Valuepro	5WWW4-Y-T-SB	5mm, T-1 3/4	Warm White	18000	Water Clear	30	3	20 mA	3000 K	8.6	0.1"	\$0.39	\$0.35

Jameco Part #	Manufacturer	Manufacturer Part #	Package	Color	Brightness (mcd)	Lens Type	Viewing Angle (deg)	Forward Voltage - Vf (Typ.)	Forward Current - If (Typ.)	Wavelength	Height (mm)	Lead Pitch	Price 1	Price 10
2290703	Agilent Technologies	HLMP-CW30-M0000	5mm, T-1 3/4	White	1690	Water Clear	30	3.2	20 mA	x: 0.32, y: 0.32	8.71	0.1"	\$0.49	\$0.39
334502	Jameco Valuepro	LWK3333	5mm, T-1 3/4	White	5000	Water Clear	16	4	30 mA	x: 0.28, y: 0.28	7.6	0.1"	\$0.99	\$0.89
2255841	Jameco Valuepro	LED-5mmWHT	5mm, T-1 3/4	White	5000	Water Clear	25	3.5	25 mA	478 nm, 540 nm	8.6	0.1"	\$0.79	\$0.69
320531	Jameco Valuepro	MCDL-5013UWC	5mm, T-1 3/4	White	5500	Clear	15	3.8	20 mA	7500 K	8.6	0.1"	\$0.99	\$0.89
2115493	Jameco Valuepro	UT5HW3-4D-URC3-4861-R	5mm, T-1 3/4	White	7000	Water Clear	30	3.2	30 mA	480 nm	8.7	0.1"	\$0.49	\$0.39
2160067	Unity Opto Technology	MVL-514SW-T-S1	5mm, T-1 3/4	White	11000	Water Clear	15	3.2	20 mA	x: 0.31, y: 0.32	0	0.1"	\$0.49	\$0.39
2274855	Jameco Valuepro	5WW4-Y-T-SB	5mm, T-1 3/4	White	22000	Water Clear	30	3.4	20 mA	6000 K	8.6	0.1"	\$0.39	\$0.35
2290247	Cree	C512A-WNN-B0-WM4-28	5mm, T-1 3/4	White	23500	Water Clear	25	3.2	25 mA	9000 K	8.8	0.1"	\$0.65	\$0.45
2278831	Jameco Valuepro	0.5W-WWW4-Y-T	5mm, T-1 3/4	White	60000	Water Clear	30	3.4	120 mA	6250 K	8.6	0.1"	\$0.79	\$0.69
2186401	Lite-On Electronics	LTL-2H3QYK	5mm, T-1 3/4	Yellow	1700	Water Clear	15	2	50 mA	592 nm	8.7	0.1"	\$0.25	\$0.12
333569	Jameco Valuepro	LVY3333/A	5mm, T-1 3/4	Yellow	2200	Water Clear	20	2	30 mA	590 nm	8.6	0.1"	\$0.25	\$0.15
333614	Jameco Valuepro	LUY3833H	5mm, T-1 3/4	Yellow	5000	White Non Diffused	12	2.1	20 mA	590 nm	8.7	0.1"	\$0.59	\$0.55
2095189	Jameco Valuepro	RL50-PY543	5mm, T-1 3/4	Yellow	8000	Water Clear	20	2	20 mA	595 nm	8.7	0.1"	\$0.39	\$0.29
2274863	Jameco Valuepro	5WY4-Y-T-SB	5mm, T-1 3/4	Yellow	12000	Water Clear	30	2	20 mA	590 nm	8.6	0.1"	\$0.39	\$0.35
2287855	Unity Opto Technology	MVL-904UYLC	7.62mm square	Amber	1500	Water Clear	50	2.15	50 mA	592 nm	2.5/4.4	0.2" x 0.2"	\$0.35	\$0.25
1260120	Lite-On Electronics	LTL912CBKS5	7.62mm square	Blue	0.9	Water Clear	45	4.3	50 mA	470 nm	4.4	0.1"	\$0.29	\$0.19
2167411	Unity Opto Technology	MVL-914MTGC	7.62mm square	Green	2000	Water Clear	50	3.7	40 mA	525 nm	2.5/4.4	0.2" x 0.2"	\$0.39	\$0.29

Jameco Part #	Manufacturer	Manufacturer Part #	Package	Color	Brightness (mcd)	Lens Type	Viewing Angle (deg)	Forward Voltage - Vf (Typ.)	Forward Current - If (Typ.)	Wavelength	Height (mm)	Lead Pitch	Price 1	Price 10
2276727	Lite-On Electronics	LTL912VEKSA	7.62mm square	Red	1200	Water Clear	50	2.15	70 mA	632 nm	2.5/4.4	0.2" x 0.2"	\$0.29	\$0.25
404582	Jameco Valuepro	MCDL-1860UWC-15C	7.62mm square	White	3500	Water Clear 3mm Dome	75	3.5	40 mA	N/A	4	0.2"	\$0.99	\$0.89
2167390	Unity Opto Technology	MVL-904MW	7.62mm square	White	4000	Clear	30	3.5	40 mA	528 nm	2.5/4.4	0.2" x 0.2"	\$0.29	\$0.25
664341	Jameco Valuepro	MCDL-1870UWC-15C	7.62mm square	White	6500	Water Clear	40	3.5	40 mA	N/A	4	0.2"	\$0.79	\$0.69
2167402	Unity Opto Technology	MVL-904TUYC	7.62mm square	Yellow	4000	Water Clear	70	2.2	40 mA	625 nm	2.5/4.4	0.2" x 0.2"	\$0.25	\$0.19