LIGHT EMITTING DIODES (LED)

STANDARD T-1 3/4 (5mm)

<table>
<thead>
<tr>
<th>Color</th>
<th>Description</th>
<th>CAT#</th>
<th>10</th>
<th>100</th>
<th>1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>RED</td>
<td>diffused</td>
<td>LED-1</td>
<td>1.00</td>
<td>.08</td>
<td>.05</td>
</tr>
<tr>
<td>RED</td>
<td>high-brightness</td>
<td>LED-10R</td>
<td>1.00</td>
<td>.08</td>
<td>.05</td>
</tr>
<tr>
<td>GREEN</td>
<td>diffused</td>
<td>LED-2</td>
<td>1.50</td>
<td>.12</td>
<td>.08</td>
</tr>
<tr>
<td>YELLOW</td>
<td>diffused</td>
<td>LED-3</td>
<td>1.50</td>
<td>.12</td>
<td>.08</td>
</tr>
<tr>
<td>AMBER</td>
<td>water clear</td>
<td>LED-173</td>
<td>1.50</td>
<td>.12</td>
<td>.08</td>
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<tr>
<td>AMBER</td>
<td>water clear</td>
<td>LED-275</td>
<td>1.00</td>
<td>.08</td>
<td>.05</td>
</tr>
</tbody>
</table>

ULTRA-BRIGHT T-1 3/4 (5mm) Improved brightness and color consistency.

<table>
<thead>
<tr>
<th>Color</th>
<th>Description</th>
<th>CAT#</th>
<th>Each</th>
<th>100</th>
<th>1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>AQUA</td>
<td>water clear in off state</td>
<td>LED-130</td>
<td>.60</td>
<td>.45</td>
<td>.30</td>
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<tr>
<td>RED</td>
<td>water clear in off state</td>
<td>LED-257</td>
<td>.35</td>
<td>.28</td>
<td>.17</td>
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<tr>
<td>RED</td>
<td>our &quot;brightest red,&quot; water clear in off-state</td>
<td>LED-233</td>
<td>.50</td>
<td>.40</td>
<td>.25</td>
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<tr>
<td>BLUE</td>
<td>water clear in off-state, 20º viewing angle</td>
<td>LED-215</td>
<td>.60</td>
<td>.45</td>
<td>.30</td>
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<tr>
<td>BLUE</td>
<td>water clear in off-state. Ammo-pack.</td>
<td>LED-153</td>
<td>.50</td>
<td>.40</td>
<td>.30</td>
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<tr>
<td>GREEN</td>
<td>water clear 3000 mcd</td>
<td>LED-57</td>
<td>1.10</td>
<td>.90</td>
<td>.80</td>
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<tr>
<td>GREEN</td>
<td>water clear in off-state</td>
<td>LED-128</td>
<td>.75</td>
<td>.55</td>
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<tr>
<td>WHITE</td>
<td>water clear, 15º viewing angle</td>
<td>LED-127</td>
<td>.95</td>
<td>.75</td>
<td>.60</td>
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<tr>
<td>WHITE</td>
<td>water clear, warm-white</td>
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<td>water clear in off-state, 20º viewing angle</td>
<td>LED-214</td>
<td>.60</td>
<td>.45</td>
<td>.30</td>
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<tr>
<td>YELLOW</td>
<td>water clear 3000 mcd</td>
<td>LED-72</td>
<td>.95</td>
<td>.75</td>
<td>.47</td>
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<tr>
<td>PURPLE</td>
<td>water clear 1000+ mcd</td>
<td>LED-82</td>
<td>1.10</td>
<td>.90</td>
<td>.75</td>
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<tr>
<td>ORANGE</td>
<td>water clear point source</td>
<td>LED-136</td>
<td>.60</td>
<td>.50</td>
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MINIATURE T-1 (3mm)

<table>
<thead>
<tr>
<th>Color</th>
<th>Description</th>
<th>CAT#</th>
<th>10</th>
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<th>1000</th>
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<tbody>
<tr>
<td>RED</td>
<td>diffused</td>
<td>LED-12R</td>
<td>.50</td>
<td>.45</td>
<td>.40</td>
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<tr>
<td>BLUE</td>
<td>Milky-white</td>
<td>LED-12BW</td>
<td>.50</td>
<td>.45</td>
<td>.40</td>
</tr>
<tr>
<td>WHITE</td>
<td>Milky-white</td>
<td>LED-12W</td>
<td>.50</td>
<td>.45</td>
<td>.40</td>
</tr>
<tr>
<td>GREEN</td>
<td>Green</td>
<td>LED-12G</td>
<td>.50</td>
<td>.45</td>
<td>.40</td>
</tr>
<tr>
<td>WHITE</td>
<td>Water-clear</td>
<td>LED-12WP</td>
<td>.50</td>
<td>.45</td>
<td>.40</td>
</tr>
<tr>
<td>BLUE</td>
<td>Water-clear</td>
<td>LED-12BP</td>
<td>.50</td>
<td>.45</td>
<td>.40</td>
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</table>

12 VDC LEDS Bright 5mm round LEDs with built-in resistors for 12Vdc, No external resistor required.

<table>
<thead>
<tr>
<th>Color</th>
<th>Lens Color</th>
<th>CAT#</th>
<th>Each</th>
<th>100</th>
<th>1000</th>
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<tbody>
<tr>
<td>RED</td>
<td>Red</td>
<td>LED-12R</td>
<td>.50</td>
<td>.45</td>
<td>.40</td>
</tr>
<tr>
<td>BLUE</td>
<td>Milky-white</td>
<td>LED-12BW</td>
<td>.50</td>
<td>.45</td>
<td>.40</td>
</tr>
<tr>
<td>WHITE</td>
<td>Milky-white</td>
<td>LED-12W</td>
<td>.50</td>
<td>.45</td>
<td>.40</td>
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<tr>
<td>GREEN</td>
<td>Green</td>
<td>LED-12G</td>
<td>.50</td>
<td>.45</td>
<td>.40</td>
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<tr>
<td>WHITE</td>
<td>Water-clear</td>
<td>LED-12WP</td>
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<td>.45</td>
<td>.40</td>
</tr>
<tr>
<td>BLUE</td>
<td>Water-clear</td>
<td>LED-12BP</td>
<td>.50</td>
<td>.45</td>
<td>.40</td>
</tr>
</tbody>
</table>

BI-COLOR

T 1 3/4 (5mm) RED / GREEN diffused

Two leads. Reverse polarity to change color. Yellow on AC.

T 1 3/4 (5mm) RED / GREEN diffused

Three leads. Center cathode. Milky-white off-state.

T 1 (3mm) RED/GREEN diffused

Three leads. Center cathode. Milky-white off-state.

RGB LED 4-lead, T 1 3/4 (5mm) red-green-blue LED.

One common lead (anode) and one lead for each color. Water-clear in off-state.

CAT# LED-64 10 for $1.00 • 100 for 8¢ each

OVAL LEDS Bright oval LED. 4mm diffused lens in off-state.

<table>
<thead>
<tr>
<th>Color</th>
<th>MCD</th>
<th>CAT#</th>
<th>Price</th>
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<tbody>
<tr>
<td>BLUE</td>
<td>390-1520</td>
<td>LED-270</td>
<td>5 for $1.00</td>
</tr>
<tr>
<td>GREEN</td>
<td>3000-8200</td>
<td>LED-272</td>
<td>4 for $1.00</td>
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<tr>
<td>RED</td>
<td>550-2130</td>
<td>LED-271</td>
<td>5 for $1.00</td>
</tr>
<tr>
<td>RED</td>
<td>1520-4180</td>
<td>LED-273</td>
<td>5 for $1.00</td>
</tr>
</tbody>
</table>


<table>
<thead>
<tr>
<th>Color</th>
<th>CAT#</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>RED</td>
<td>LED-4</td>
<td>2 for $.90</td>
</tr>
<tr>
<td>GREEN</td>
<td>LED-4G</td>
<td>.50</td>
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<tr>
<td>WHITE</td>
<td>LED-4W</td>
<td>.50</td>
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<tr>
<td>BLUE</td>
<td>LED-4B</td>
<td>.50</td>
</tr>
<tr>
<td>YELLOW</td>
<td>LED-4Y</td>
<td>.50</td>
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</tbody>
</table>

30 DAY MONEY-BACK GUARANTEE
INFRARED EMITTERS
T-1 3/4 (5mm). Clear lens
CAT# ILED-8
3 for $1.00 • 100 for 20¢ each • 1000 for 14¢ each

5MM RGB COLOR CHANGING LEDS
Cycles through red-green-blue and combinations of RGB, yielding purple, white and other hues.
5mm water-clear package. Great for attention-getting displays, and jewelry.
Rapid Rate -- changes color every second for ten seconds, then changes color three or four times per second for ten seconds.
CAT# LED-231 75¢ each • 10 for 70¢ each • 100 for 50¢ each
Fluttering -- cycles through RGB colors at a very fast rate, giving the impression of a fluttering red / blue light. Milky-white in off-state.
CAT# LED-232 65¢ ea. 2 for $1.00 • 100 for 40¢ each

5MM ULTRA-VIOLET LEDS
Emits blue 395nm UV light. Water-clear lens.
3.7 Vdc, 20 mA. Ideal for detection of counterfeit bills and fluorescence in minerals, black-light posters.

Beam Pattern
<table>
<thead>
<tr>
<th>CAT#</th>
<th>Each</th>
<th>100</th>
<th>1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>30°</td>
<td>ULED-2</td>
<td>1.40</td>
<td>1.05</td>
</tr>
<tr>
<td>20°</td>
<td>ULED-3</td>
<td>1.10</td>
<td>.90</td>
</tr>
</tbody>
</table>

5 & 5 WATT LEDS ON HEATSINK
Ultra-bright, high-power, long-life LEDs mounted on 20mm dia. star-type aluminum disc which serves as a heatsink and provides solder spots to simplify connection.
Note: Sensitive to misuse. No guarantee after voltage has been applied.

3 WATT
<table>
<thead>
<tr>
<th>Color</th>
<th>Description</th>
<th>CAT#</th>
<th>Each</th>
<th>10</th>
</tr>
</thead>
<tbody>
<tr>
<td>COOL WHITE</td>
<td>18000-20000K. 3.2-3.4V, 700mA.</td>
<td>LED-248</td>
<td>1.68</td>
<td>1.51</td>
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<tr>
<td>WARM WHITE</td>
<td>3500-4200K. 3.2-3.4V, 700mA.</td>
<td>LED-249</td>
<td>2.00</td>
<td>1.75</td>
</tr>
<tr>
<td>AMBER</td>
<td>600-610nm. 1.9-2.3V, 700mA.</td>
<td>LED-251</td>
<td>3.00</td>
<td>2.70</td>
</tr>
<tr>
<td>RED</td>
<td>660nm. 1.9-2.3V. 700 mA.</td>
<td>LED-250</td>
<td>3.16</td>
<td>2.84</td>
</tr>
<tr>
<td>GREEN</td>
<td>520-525nm. 3.2-3.4V 700mA.</td>
<td>LED-252</td>
<td>3.16</td>
<td>2.84</td>
</tr>
<tr>
<td>BLUE</td>
<td>460-470nm. 3.2-3.4V, 700mA.</td>
<td>LED-261</td>
<td>2.28</td>
<td>2.05</td>
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<tr>
<td>YELLOW</td>
<td>588-595nm. 1.9-2.3V 700mA.</td>
<td>LED-254</td>
<td>2.48</td>
<td>2.23</td>
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<tr>
<td>IR</td>
<td>940nm. 1.5-1.7V 700mA.</td>
<td>LED-256</td>
<td>2.76</td>
<td>2.48</td>
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<tr>
<td>ULTRAVIOLET</td>
<td>410-420mM. 3.2-3.4V, 700mA.</td>
<td>LED-247</td>
<td>3.30</td>
<td>3.24</td>
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5 WATT
<table>
<thead>
<tr>
<th>Color</th>
<th>Description</th>
<th>CAT#</th>
<th>Each</th>
<th>10</th>
</tr>
</thead>
<tbody>
<tr>
<td>BLUE</td>
<td>450-455nm. 7-7.5 Vdc 700 ma.</td>
<td>LED-5BL</td>
<td>5.50</td>
<td>5.20</td>
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<tr>
<td>COOL WHITE</td>
<td>7000-8000 K. 7-7.5 Vdc 700 ma.</td>
<td>LED-5CW</td>
<td>5.50</td>
<td>5.20</td>
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<tr>
<td>WARM WHITE</td>
<td>3000-4000 K. 7-7.5 Vdc 700 ma.</td>
<td>LED-5WW</td>
<td>5.50</td>
<td>5.20</td>
</tr>
</tbody>
</table>

DRIVER FOR 3W LEDS
The 3 watt LEDs above can be operated on 12 Volts using this driver. Operate on 12 Vac or 12 Vdc.
CAT# LD-3 $3.25 each

LENSES FOR 1W, 3W & 5W LEDS
20mm lens in a 23mm plastic holder. Works well with our 1W, 3W and 5W LEDs, with & without star pc board ie. LED-248, LED-249, LED-5BL.
60° viewing angle CAT# LNS-57 $1.50 each • 10 for $1.35 each
45° viewing angle CAT# LNS-58 $1.50 each • 10 for $1.35 each

ORDER TOLL FREE 1-800-826-5432
COOL-WHITE DUAL LED ASSEMBLY
Nice bright miniature LED light source for display and lighting applications. 2 high-brightness surface-mount white LEDs mounted on a 0.56” x 0.31” (7 x 14mm) pc board. Built-in circuitry for 8 Vac operation. Works on 8 Vdc as well. Two pc pins on 5mm centers.

Note: These are provided in sheets of 456 units which we break apart into strips of 24 and individual units. Orders in multiples of 24 will be left attached if you don’t specify otherwise.

CAT# LED-2W  2 for $1.00  
24 for 40¢ each

RED MINI-AXIAL LED
2mm red lens. Red in off-state.

CAT# LED-157  10 for $1.00  
100 for 7¢ each • 500 for 5¢ each

SUPER-BRIGHT, HIGH-FLUX RED LED
Ultra-bright, super-flux Piranha red LED. 7.62mm square, 4-pin DIP package aids heat dissipation. Designed for high-current, high-flux output.

CAT# LED-912  30¢ each  
10 for 25¢ each • 100 for 20¢ each

SURFACE MOUNT LEDS

RGB LED, SURFACE MOUNT
Cree® CVL1A-FKB. High-intensity, wide viewing angle Red - Green - Blue LED in surface-mount package, 3.2 x 2.8mm, 120° viewing angle.

CAT# LED-259  3 for $1.00  
100 for 25¢ each • 2000 for 10¢ each

SMD RED LED
Ledtronics # SML10R3KT-TR, 3.2 x 2.8 x 1.90mm ultra red (660nm). 120° viewing angle. Water-clear in off-state. Tape & reel cut strips. CAT# LED-213  20 for $3.00 • 100 for 12¢ each

LED TOUCH DIMMER MODULE
Turn lamps on and off, brighten and dim with a touch of your finger. PWM mode LED dimmer is suitable for indoor lamp, LED lighting dimming. Not necessary to touch the actual board. 3mm of glass, plastic or ceramic can be used for isolation. 2.4-5V. Max. current input: 500ma. Mounted on 33mm x 20mm pc board.

CAT# LED-TD  $4.95 each

15-30V ULTRA-BRIGHT LED STRIPS
Warm-white, ultra-bright surface-mount LEDs on a thin, semi-rigid pc board. Lots of light, low current draw make them suitable for all kinds of lighting projects. Connect via solder spots at one end of strip.

5-LEO STRIP – 15Vdc, 0.67A
CAT# LED-512  $2.00 each
10 for $1.80 each

44-LED STRIP – 30Vdc, 0.70A
CAT# LED-443  $3.50 each
10 for $3.00 each

LED INDICATOR ASSEMBLIES
No external resistor required when used at specified voltage.

12 VDC W/ CHROME HOUSING
5mm diameter LED in 10mm diameter chrome bezel. 8mm threaded bushing with mounting hardware. Extends 34mm below mounting panel. Available in Red (R), Green (G), Blue (B) and Amber (A).

CAT# IND-160(R,G,B,A)  $2.25 each

12VDC W/ PLASTIC HOUSING
Threaded bushings with nuts. Solder-lug terminals. 2 sizes, 4 colors (red, green, blue, yellow).

10mm diameter lens. 10mm bushing
CAT# IND-10(R,G,B,Y)  $1.25 each
10 for $1.10 each

12mm diameter lens. 12mm bushing
CAT# IND-12(R,G,B,Y)  $1.35 each
10 for $1.15 each

12 VDC RED LED
5mm red diffused LED. Press-fit mounting in 0.25” diameter hole. Two 10” pigtail leads.

CAT# LED-12VR  $1.15 each
10 for $1.05 each • 100 for 90¢ each

2.1 VOLT GREEN LED ASSEMBLY
Bivar #PM5GDW18.0 5mm green diffused LED. Press-fit mounting in 0.25” diameter hole. 2.1Vdc/30Ma. 18” pigtail leads.

CAT# LED-2VG  $1.15 each
10 for $1.05 each • 100 for 90¢ each

LED INDICATORS -- RESISTOR REQUIRED
Attractive LED lamp assemblies. 5mm LED in a 10mm dia. chrome bezel. 8mm dia. threaded bushing with mounting hardware. Operates on any DC voltage as long as an appropriate resistor is connected. See our LED Hook-up guide in Spec Sheets online. Two types available:

Red Diffused LED -- wide viewing angle
CAT# IND-13R  $1.75 each

Red Point-source -- 15° viewing angle
CAT# IND-15R  $1.50 each
12 VDC LED MODULE STRIPS
3-LED weather-resistant, epoxy-encapsulated modules suitable for indoor or outdoor shelf, display or sign lighting. Dimmable. Double-stick tape for attachment to clean, flat surface. Also has holes for screw mounting. May be purchased as individual modules or in strings. Can be used with dimmer, CAT# DMR-8

HIGH-POWER, COOL-WHITE
5.25” between modules. 18 AWG zip cord, 6.5” center to center between modules. 50 modules, 10 Meters length per string. 12Vdc, 1.2W per module. 60W (50 x 1.2) per string.
CAT# LS-123HCW - Cool White $4.75 per module 10 for $3.50 each • 50 for $3.00 each

FLEXIBLE LED STRIPS
Adhesive-backed ribbon with surface-mount ultra-bright LEDs. Ideal accent lighting in auto or home. Great for under cabinet or shelf lighting. Dimmable. Can be cut every third LED or 50mm (approx. 0.2”) and each segment can be lit independently. Wires can be soldered directly to solder spots on ribbon tape. 5 Meters, 100 segments per continuous strip. Can be connected end-to-end for longer strips. Can be purchased in 2” (3-led) segments.
Cool-white CAT# LS-12-CW
Warm-white CAT# LS-12-WW - $1.50 $1.00 per 3-led segment 10 segments 85¢ per segment 100 segments 65¢ per segment
Neutral-white CAT# LS-12-NW - $1.50 $1.00 per 3-led segment 10 segments 85¢ per segment 100 segments 65¢ per segment

ECONOMY MODULES
Very bright, but less bright than our other modules. 3.5” wires between modules.
20 modules per string. 0.72W per module
CAT# LS-200CW - Cool-White CAT# LS-200WW - Warm-white
$1.40 per module 20 modules for $1.10 per module 100 modules for 85¢ per module

RF REMOTE CONTROL FOR RGB LED STRIPS
Allows flashing, sequencing and dimming of tri-color LED strip, CAT# LS-22.
Will operate up to 5 strips, 1500 LEDs. Operates on 12-24Vdc. Input via screw terminals or 2.5mm coax power plug. Power supply not included.
CAT# CT-21 $35.00 each

12-24 VDC 8A DIMMER
Designed for 12-24 VDC LED strip lights like our CAT#s LS-12-CW, NW, WW. Clearly-marked screw-clamp input/output terminals. Rotary adjustment. 3.5” x 2.35” x 2.25” high (including knob). Mounting holes on 1.6” x 3.1” centers.
CAT# DMR-8 $19.95 each

12 LED AMBER LAMP, USED
26mm dia. x 40mm plastic lamp containing 12 bright amber LEDs. Optimal voltage and current appears to be 11.5Vdc @ 25mA. Two 18” leads. Must be used with a current limiting resistor. Because of the sensitivity of this part, we cannot guarantee it. Removed from used equipment.
CAT# LED-155 $1.50 each

VISIT OUR WEBSITE - WWW.ALELECTRONICS.COM
FUSE LAMPS
Popular lamps which are the same size as a 3AG 1/4” x 1 1/4” (AGC) fuse.

<table>
<thead>
<tr>
<th>VOLTS</th>
<th>CAT#</th>
<th>EACH</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>LPFS-6</td>
<td>75¢</td>
<td>$7.00</td>
</tr>
<tr>
<td>8</td>
<td>LPFS-8</td>
<td>$1.00</td>
<td>$8.50</td>
</tr>
<tr>
<td>12</td>
<td>LPFS-12</td>
<td>75¢</td>
<td>$7.00</td>
</tr>
</tbody>
</table>

FLASHERS
12 VDC FLASH ASSEMBLY
Bright xenon strobe assembly for highway emergency signal. Approximately 80 flashes per minute. 12Vdc operation. Horseshoe flash tube (31.5 x 16 x 6mm) mounted on 65 x 75mm pc board. On/off switch. Easy to connect. See hook-up diagram on-line spec sheet.
CAT# FSH-13 $4.50 ea. • 10 for $4.00 ea.

FLASH ASSEMBLY
1.5 Vdc, xenon flash assembly with flash tube and reflector, trigger transformer, photoflash capacitor, neon charge indicator and other components. Includes instructions.
CAT# FSH-12 $1.00 each
10 for 85¢ each • 100 for 60¢ each

INEXPENSIVE FLASHER
The simplest electronic flasher ever. A red 5mm LED with built-in flasher chip is attached to a 9 volt battery snap. Operates on 3-9 Vdc. Flash rate, approximately 120 flashes per minute. Batteries not included.
CAT# FSH-100 2 for $1.00
10 for 45¢ each • 100 for 40¢ each

12 VDC FLASHING WHITE LEDS
Two bright white LEDs with three selectable flash patterns. An eye-catching display. LEDs are mounted in bezels on 38” leads that connect to the controller with on/off, program select button. Operates on 12Vdc, 20mA.
CAT# LED-9W $4.25 each
10 for $4.00 each

VARIABLE LED FLASHER SAFETY LIGHT
Versatile safety device that can be seen over long distances at night. 5 ultra-bright LEDs can be set for one of seven different chaser or flashing patterns. Red reflector case, 2.8” x 1.76” x 0.95” deep. Water resistant. Features a clip on the back to attach to a belt or article of clothing. Requires two AA batteries (not included).
CAT# FSH-6 $3.95 ea. • 10 for $3.50 ea.

SOCKETS FOR MR-16 LAMPS
Round Ceramic Base. 6” leads. UL
CAT# HLS-3
3.50 each

Round Ceramic Base with threaded mounting holes. 6” leads. UL
CAT# HLS-4 $ 3.65 each

CERAMIC LAMP SOCKET
Standard medium screw base. Rated 660W, 250V. 1.5” metal L-bracket with 6-32 tapped hole at bottom. 9.5” leads. 18 AWG wire, 150°C, 600V. UL.
CAT# LS-14 $1.25 each
100 for 95¢ each

EL BACKLIGHT (GLOW STRIP), 2.8” X 2.2”
For backlighting displays, control panels, special effects and model lighting. Flexible, produces practically no heat. Operates on 80-120Vac and will run off of inverter or standard “house” electricity. Salmon color in off-state. Glows white when energized. Solderable pins.
CAT# EL-15 $1.35 each
100 for $1.00 each

170 LUMEN WORK LIGHT -- BRIGHT
Nebo 6327 LarryC. EXTREMELY BRIGHT! Equipped with new C-O-B LED technology, it outputs 170 lumens of intense light. The 180° rotating magnetic clip allows for hands-free lighting. The reinforced plastic body design is water and impact-resistant. Top-positioned, ON/OFF button. Powered by 3 AAA batteries (included). 6.375” long. Includes retail box. Comes in red, blue, black or yellow (no choice of color).
CAT# FL-170 $8.99 each

19 LED HEADLAMP W/ ADJUSTABLE STRAP
High intensity, long-lasting LED light with adjustable headstrap for "hands-free" illumination. 3 light levels and flash mode. Adjustable beam angle. Requires 3 AAA batteries (not included). LED lifetime of 100,000 hours.
CAT# HL-2 $42.95 • 9.95 each

2-IN-1 LED FLASHLIGHT & WORK LIGHT
Nebo #6156 Slyde™
At first glance, it appears to be a simple, strong flashlight, emitting 250 lumens of intense white light. But the body slides open to reveal a 190 lumen work light. Anodized aircraft-grade aluminum body; water and impact-resistant. Powerful magnetic base. Side-positioned ON/OFF button with Soft Touch Technology. Requires 4 AAA batteries (included). 6.5” long (compacted) / 9” (extended).
CAT# FL-41 $29.95 each
### TRANSISTORS

#### TRIAC

<table>
<thead>
<tr>
<th>CAT#</th>
<th>AMP</th>
<th>VOLT</th>
<th>CASE</th>
<th>Each 10</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAC223A8</td>
<td>25</td>
<td>600</td>
<td>TO-220</td>
<td>1.85 1.75</td>
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<tr>
<td>Q6015LS</td>
<td>15</td>
<td>600</td>
<td>TO-220</td>
<td>1.60 1.40</td>
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<tr>
<td>Q6025P</td>
<td>25</td>
<td>600</td>
<td>TO-3 base</td>
<td>5.50 5.15</td>
</tr>
</tbody>
</table>

#### N-CHANNEL MOSFETS, TO-220

- **BUZ11A** 26 Amp, 0.055 Ohms. With right-angle pre-formed leads.
  - CAT# BUZ11A 75¢ each
  - 10 for 70¢ each

- **IRF734** 4.9 A (max.). 450 V (min.).
  - CAT# IRF734 65¢ each
  - 10 for 60¢ each • 100 for 50¢ each

- **BUZ71A** ST Micro. 50V, < 0.12 Ohms, 13A.
  - CAT# BUZ71A 75¢ each
  - 10 for 70¢ each • 100 for 60¢ each

- **IRFZ40** 50 Amp 50 Volt
  - CAT# IRFZ40 $1.25 each
  - 10 for $1.10 each

- **MTP75N03HDL** 75Amp 25V power
  - CAT# MTP75N03HDL $1.75 each
  - 10 for $1.65 each

- **IRF620** 500V, 3.0 Ohm, 2.5A.
  - CAT# IRF620 85¢ each
  - 10 for 75¢ each • 100 for 65¢ each

- **IRFBG30** 100V, 3.1A, 5.0 Ohms.
  - CAT# IRFBG30 $1.00 each
  - 10 for 90¢ each • 100 for 85¢ each

#### DARLINGTON TRANSISTORS

<table>
<thead>
<tr>
<th>CAT#</th>
<th>Description</th>
<th>EA 100+</th>
</tr>
</thead>
<tbody>
<tr>
<td>GES-5307</td>
<td>NPN, TO-92</td>
<td>5 for 50¢ .08</td>
</tr>
<tr>
<td>MPSA13</td>
<td>NPN, TO-92</td>
<td>5 for 50¢ .08</td>
</tr>
<tr>
<td>TIP112</td>
<td>NPN, TO-220</td>
<td>.50 .40</td>
</tr>
<tr>
<td>TIP120</td>
<td>NPN, 5A 60V, TO-220</td>
<td>.75 .65</td>
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<tr>
<td>TIP142</td>
<td>NPN, 10A 100V, TO247</td>
<td>1.10 .95</td>
</tr>
</tbody>
</table>

#### N-CHANNEL MOSFETS, SURFACE MOUNT

- **IRF540NS** 100V, 33A, 44M Ohms.
  - CAT# IRF540NS 95¢ each
  - 10 for 85¢ each • 100 for 70¢ each

- **RF1S640** 18A, 200V, 0.180 Ohm
  - CAT# RF1S640 65¢ each
  - 10 for 60¢ each • 100 for 45¢ each

#### N-CHANNEL J-FET

30V 350MW. TO-92 package.
- CAT# 2N5638 5 for $1.00 • 100 for 15¢ ea.

### TRANSISTORS

#### TO-92 SOCKET

- **CAT# STR-92** 4 for $1.00 • 100 for $20.00

#### BJTs - BIPOLAR TRANSISTOR

- **2S51930** 180V 2A BJT, TO-220-3 FP
  - NPN, complement to 2SC5171.
  - CAT# 2S51930 85¢ each

- **2SC5171** 180V 2A BJT, TO-220-3 FP
  - NPN, complement to 2SA1930.
  - CAT# 2SC5171 85¢ each

#### OPTOISOLATORS

- **RFD4N06L** 4A 60V logic level. TO-251 case.
  - CAT# RFD4N06L 70¢ each
  - 10 for 65¢ each • 100 for 55¢ each

- **H11F1** MOSFET output
  - CAT# H11F1 .50 .45 .40

- **MOC3011** Triac output
  - CAT# MOC3011 .50 .45 .40

- **MOC3022** Triac output
  - CAT# MOC3022 1.00 .90 .70

- **TP372** Darlington output
  - CAT# TP372 .70 .65

#### BILATERAL TRIGGER (DIAC)

- **CAT # DB-3** 28-36 volt
  - CAT # DB-3 3 for $1.00 100$/27.00

#### N-CHANNEL MOSFETS

- **RF4N06L** 4A 60V logic level. TO-251 case.
  - CAT# RF4N06L 70¢ each
  - 10 for 65¢ each • 100 for 55¢ each

### OPTOISOLATORS

- **CAT# Description**
  - **1**
  - **10**
  - **100**

- **4N25** NPN transistor output
  - $.45 .40 .35

- **4N26** NPN transistor output
  - $.40 .35 .30

- **4N27** NPN transistor output
  - $.45 .40 .35

- **4N33** NPN darlington output
  - $.50 .45 .35

- **4N35** NPN transistor output
  - $.60 .50 .40

- **4N38** NPN transistor output
  - $.40 .37 .35

- **H11F1** MOSFET output
  - 1.00 .80 .70

- **TLP372** Darlington output
  - .70 .65

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**30 DAY MONEY-BACK GUARANTEE**