



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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LEDS / BARE LEDS

Clear 'Piranha' Super-flux RGB (tri-color) LED – Common Anode

PRODUCT ID: 314



DESCRIPTION

Clear 5mm tri-color LEDs with separate red, green and blue LED chips inside! Nice bright indicator or illuminator, and fun to color-swirl. 80 degree viewing angle. You can plug these into a breadboard diagonally

These are Common-Anode type which means you connect one pin to 5V or so and then tie the other three legs to ground through a resistor. We carry and use CA more than CC because multi-LED driver chips (such as the TLC5940/TLC5941) are often designed exclusively for CA and can't be used with Common-Cathode.

- 0.3"/7.6mm on each side, square. Sometimes called 'Super flux' or 'Piranha'
- Clear lens, 80 degree viewing angle
- Red: 630 nm wavelength, Green: 525 nm, Blue: 470 nm
- Red: 2.1–2.5V Forward Voltage, at 20mA current, Green: 3.8–4.5V, Blue: 3.8–4.5V
- Red: 400 mcd typical brightness, Green: 1200 mcd, Blue: 400 mcd < (2000 mcd total)
- BL-FL7680RGBC Datasheet

If you need some help using LEDs, please read our "Introduction to using LEDs" tutorial for any electronics project.
