



Digital Illumination Color Recognition Module

To analyse colours, the TCS3200 module makes use of a number of photodetectors and white LEDs. When a colour is presented to the sensor, white LEDs illuminate the item, and photodetectors assess ...

The TCS3200 Color Recognition Sensor Module is a light-to-frequency sensing module designed for accurate RGB color detection. It integrates the TCS3200 color converter with onboard white LEDs to ...

The TCS3472 color sensor has a wide range of applications including RGB LED backlight control, solid-state lighting, health/fitness products, industrial process controls and medical diagnostic equipment.

Using its onboard photodiode matrix and programmable frequency output, this module accurately detects Red, Green, and Blue intensity levels, making it suitable for color-sorting robots, industrial ...

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TI light sensors are equipped with excellent spectral matching, including visible, absolute color matching and relative color matching. Our sensors are capable of rejecting 99.99% of near-infrared light, ...

Digital output of red, green, blue (RGB) and clear light sensor values. The integrated infrared blocking filter can minimize the infrared spectral components of the incident light, and can accurately perform ...

It is a sophisticated module used to detect colors. It is highly precise and reliable in its work. Featuring an integrated photodiode array and RGB filters, it is highly accurate in measuring ...

Nix Mini 3 Color Sensor Colorimeter - Portable Color Matching Tool - Dust Debris and Splash Resistant (IPX4) - Identify and match paint and digital color values instantly

This presoldered module features a gold-plated PCB with built-in white LED illumination for reliable detection of non-luminous objects. The digital input and output signals provide simple microcontroller ...

What is the TCS3200 Color Sensor? The TCS3200 is a color sensor that detects and measures various colors depending on their wavelength. This sensor module includes the TAOS ...



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