

Issue Date:
October 2006

COLOR SENSOR FOR COLOR MANAGEMENT

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Color Management Products

Color Management (CM) Products provide companies with the ability to consistently achieve the right color. Graphic art, retail and industrial companies utilize CM products to maintain a color brand, identify, process and communicate color data.



Color Management Product Requirements

CM products integrate software and hardware to achieve color management solutions. Most color measurement instruments utilize a color sensor that precisely and consistently measures color across multiple samples. This requires a color sensor with high resolution and minimum impact from non-uniform ambient light conditions.



The sensor solution from OPTEK

The OPB780 Reflective Color Sensor

- High Resolution, 256+ colors.
- Sensor is a color-to-frequency converter.
- Communicates directly with a microcontroller.
- Single-supply operation (2.7V to 5.5V)
- Nonlinearity Error Typically 0.2% at 50 kHz.
- White LED minimizes the effect of non-uniform ambient light sources.
- Stable 200ppm/°C temperature coefficient.
- Custom designs also available.



OPB780

OPB780FFC-10

OPTEK Technology is a leading provider of custom sensing solutions which incorporate the use of infrared, visible light, magnetic and fiber optic technologies focused on applications in office machines, industrial equipment, encoders, automotive electronics, military and high-reliability applications and medical diagnostic equipment.