

BG0601D 1/2inch MCCD Sensor for PAL Color Video Cameras

Features

- CCD compatible control interface.
- High sensitivity and high dynamic range pixel
- CMYG color filter array
- Build-in PGA&AD converter.
- Superior low light performance.
- Enhanced NIR performance.
- Auto black level calibration.
- On-chip FPN removal.
- 2-wire serial control interface.
- Easy connection with security DSP chip for conventional CCD camera.

Key Parameter

Table 2 Key Specification

Parameter		Typical Value
Optical format		1/2 inch
Active pixel array		768H x 582V
Pixel size		8.60um(H) x 8.30um(V)
Active pixel array Area		6604.8 um x 4830.6 um
Frame rate		50fps@PAL
Color filter array		Complementary Bayer
Shutter Type		Electronic Rolling
SNR		48dB
Dynamic range		69dB
Output		10-bit
Power supply	Digital	Internal 1.8v
	IO	3.0V ~3.45V
	Analog	3.15V ~3.45V
Power Consumption		280mW@PAL
Package Option		48 pin CLCC