

# S5K4C1G

## 1/4" 3-Mega Pixel CIS

### [Features]

- CMOS image sensor only
- Line progressive read out
- Vertical and horizontal flip mode
- Continuous frame capture mode
- Sub-sampled read-out(x2, x4, x8)
- Output format: RAW 8/10/12bit
- Operating temperature : -30°C to +70°C
- Internal PLL for clock generation
- Parallel Mode supported
- CFPN canceller
- shading correction
- CCP2(Class2) Compatible

### [CMOS Image Sensor]

Parameter		Value
Optical Format		1/4"
Active Pixels		2048(H) x 1536(V)
Pixel size		1.75um x 1.75um
Shutter Type		Electronic Rolling Shutter
Max. Frame Rate		15fps @ 3MP
ADC Resolution		10,12bit
Saturation Level		8.0Ke-( Linear )
Sensitivity @G		0.8 V/Lux·sec
SNR		39dB
Supply Voltage	Analog	2.8V
	Digital	1.2V (Internal regulator from 1.8V)
	I/O	1.8V ~ 2.8V
Schedule		FS (Now available) MP('07.08)

