
	CMOS CAMERA CONFIGURATION ASIC	
SCL Part No.	SC1216-0	

PRODUCT DESCRIPTION:

This ASIC is the part of “Miniature Camera System”, based on a commercial off-the- shelf (COTS) camera module. The COTS Camera module consists of optics, sensors and has versatile features such as HD resolution, integrated digitizer, signal processing electronics, inbuilt JPEG compression etc. This camera requires clock as control signal and I2C bus signals for its configuration in addition to supply for its operation. The camera outputs 8-bit parallel data along with frame and line sync signals and a pixel clock. Therefore, it requires a host module which can cater to provide configuration bits to control the camera and also take output from it for further processing.

FEATURES:

- Single Power Supply, 3.3V±10%
- Option for both single ended & differential clock inputs
- Four mode selection bits enables sixteen Camera configuration modes
- High operating frequency of 70 MHz
- Operating Temperature -55°C to 125°C
- Package: 64 leaded Cer-Quad (z-type)
- SCL’s 180nm CMOS Technology

