

## CCD Camera Pre-processing IC AN2108NFHQ

### Outlines

- The AN2108NFHQ is a single-chip IC that processes video-signal of CCD-camera and has functions of CDS, AGC, pre-knee and carrier-aperture circuits. This CDS circuit is capable of sampling high speed signal of max. 30MHz to support high-resolution CCD-camera systems(XGA, SXGA, etc.). AGC and OB level(black level)adjustments can be controlled with on-chip 8-bit DAC.

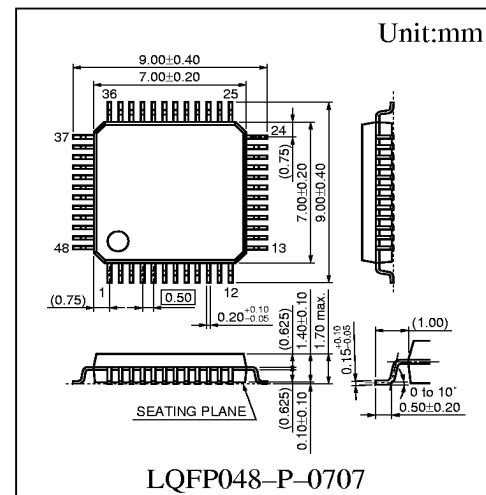
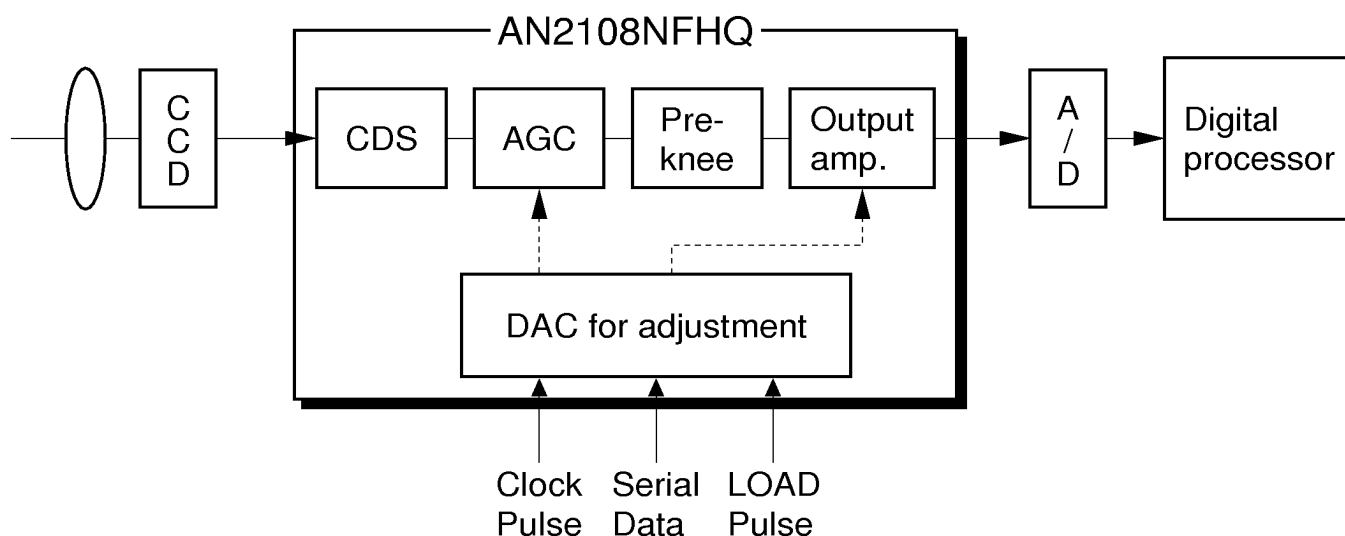
### Features

- Capable of sampling high speed signal of max. 30MHz
- Capable of controlling OB level at the last output stage
- Capable of switching between 2 modes of pre-knee characteristic
- On-chip DAC(8-bit, 15-channel)for adjustment  
(11-channels for internal and external outputs)

### Application

- Digital still cameras●Camcorders●PC cameras●Monitoring cameras
- CCD camera modules●All CCD digital camera systems

### Application block diagram



¶ The products and specifications are subject to change without any notice. Please ask for the latest Product Standards to guarantee the satisfaction of your product requirements.

Matsushita Electronics Corporation

1, Kotari Yakemachi, Nagaokakyo, Kyoto, 617-8520 Japan

Tel. (075) 951-8151

<http://www.mec.panasonic.co.jp>

D00261AE

New publication, effective from May. 6 1998