

AK8407

256 Gray-scale High-speed Shading Correction



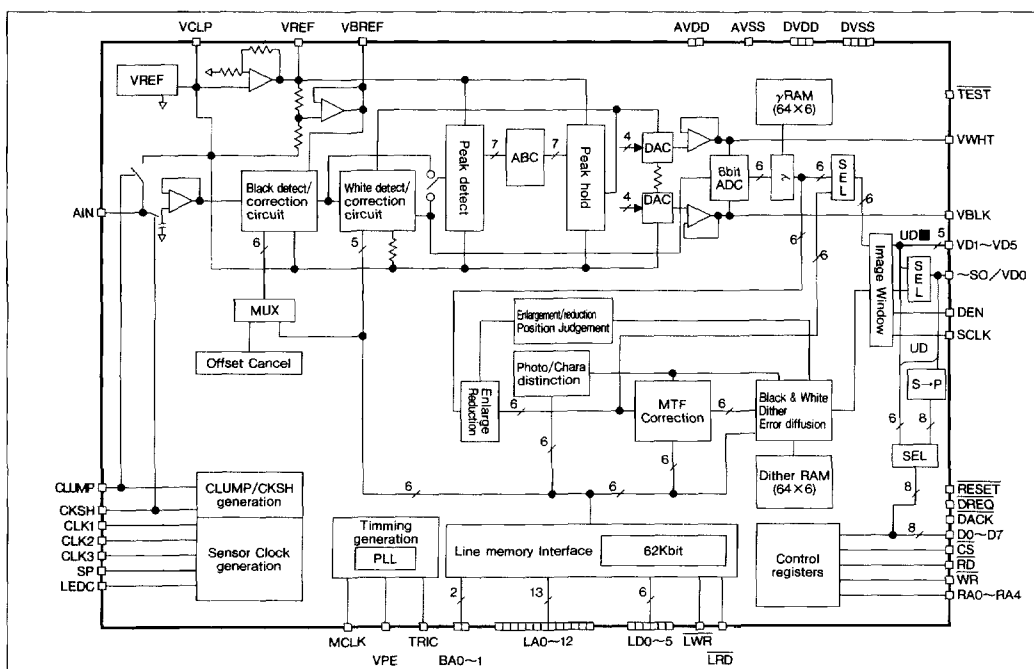
- ① Speed: 15M pix/sec
- ② Signal Input level 0.6~1.15V p-p 2ch sensor input (clamp & S/H)
- ③ Black/white shading correction with pixel to pixel
- ④ 256 gray scale output
- ⑤ ABC/AGC
- ⑥ FIFO (shading memory) interface
- ⑦ Shading data averaging function
- ⑧ Package: 100 pin LQFP

100pin LQFP (14×14×1.6mm)

AK8414

64 Gray-scale Single Chip Image Processor /W SRAM

- ① Speed~2M pix/s
- ② High Image Quality (Improved Error Diffusion, Floating Slice Binary Slicing, etc)
- ③ Shading data/Image Processing use SRAM (62k bit for 2.592 pixel sensor)
- ④ Package: N/A



AK8414 BLOCK DIAGRAM

AK8428

256 Gray-scale Image Processor



- ① Timing generator for CCD
- ② Bi-level processing
 - Image/character discrimination
 - MTF compensation
 - 64 gray shade dithering
 - 256 gray shade E.D.
- ③ Image enlargement/reduction (1% resolution)
- ④ Package: 100 pin QFP

100pin QFP (18.8×20×2.7mm)