



CMOS CAMERA MODULES

your BEST camera module partner

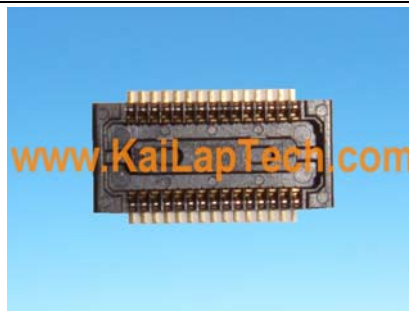
KLT-N8K-S5K3H7 V2.1

Samsung S5K3H7 MIPI Interface Auto Focus 8MP Camera Module



Camera Module No.	KLT-N8K-S5K3H7 V2.1
Image Sensor	S5K3H7
EFL	3.85 mm
F.NO	2.2
Pixel	3264 x 2448
View Angle	72.9°
Lens Type	1/3.2 inch
Lens Dimensions	8.5 x 8.5 x 5.17 mm
Module Size	37.40 x 21.25 mm
Module Type	Auto Focus
Interface	MIPI

Mating Connector Part No. DF30FC-30DS-0.4V



Mating Connector On Main Board. Sold Separately.

www.KaiLapTech.com sales@KaiLapTech.com Tel: (852) 6908 1256 Fax: (852) 3017 6778

All rights reserved @ Kai Lap Technologies Group Ltd. Specifications subject to change without notice.



Top-class sensor for
premium mobile application!

Samsung S5K3H7

High speed and low power 8Mpixel sensor

8Mp 1/3.2" 1.4um BSI Pixel Image Sensor provides;

- Video features of 30fps at full 8Mp for zero shutter lag
- Low power camera solution with optimal design
- Outstanding BSI pixel providing clear and sharp still images in low light, YSNR10 82 Lux

SAMSUNG

Samsung S5K3H7

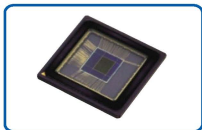
8Megapixel 1/3.2" 1.4um BSI CMOS Image Sensor

Key Features & Benefits



Target Applications

- Feature phones, Smart phones, Tablet and Digital Still Camera



Key Features

- Low power solution at full 8Mp
- Improved BSI pixel for clear and sharp still image
- On-chip Bad Pixel Correction (BPC)

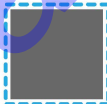
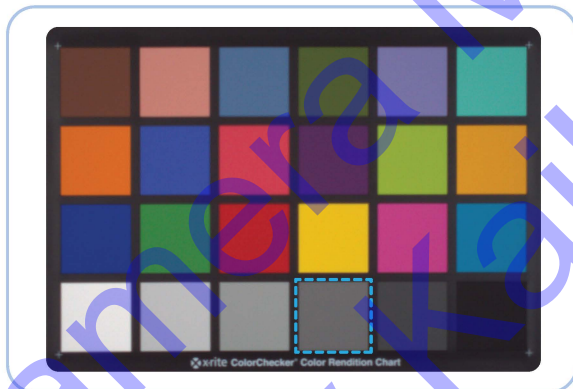


High Speed Frame Rate

- Full 8Mp 30fps enabling crisp still photos
- Video recording: full HD 30fps, HD 120fps, QVGA 240fps

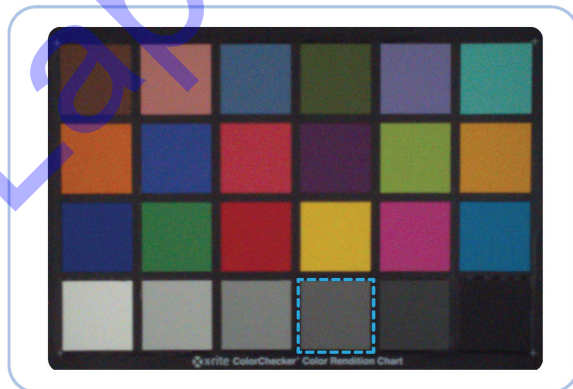
Product Images

700 Lux



Analog gain x1.6, 30fps
Shutter speed 55.5ms
SNR:38.7dB

50 Lux



Analog Gain x16, 30fps
Shutter Speed 33ms
SNR:25.69dB

Availability

S5K3H7 is sampling now with volume production for Q1, 2012.

Samsung Electronics Semiconductor Business

San#24 Nongseo-Dong, Kiheung-Gu, Youngin-City, Kyunggi-Do, Korea

For more information, please visit www.samsungsemi.com

The appearance of all products, dates, figures, diagrams and tables are subject to change at anytime without notice

SAMSUNG