

## KLT-B8K-S5K3H7 V2.0

Samsung S5K3H7 MIPI串行接口 自动对焦 800万像素 摄像头模组



摄像头模组型号	<b>KLT-B8K-S5K3H7 V2.0</b>
图像感光芯片	S5K3H7
焦距	3.69 mm
光圈	2.2
像素	3264 x 2448
可视角度	74.9°
镜头类型	1/3.2 英寸
镜头尺寸	8.5 x 8.5 x 5.65 mm
模组尺寸	16.35 x 8.5 mm
模组类型	自动对焦
接口	MIPI串行

配对连接器型号: **AXK7L30223G**



主板上的对应连接器。分开售卖。

A photograph of two young boys with blonde hair climbing a rope net on a playground. The boy on the left is wearing a light blue polo shirt and has his mouth wide open in a shout or cheer. The boy on the right is wearing a striped polo shirt and is smiling. They are both holding onto the ropes of the net. The background is a blurred wooden deck.

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

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# Samsung S5K3H7

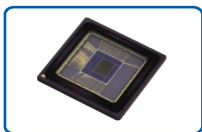
8Megapixel 1/3.2" 1.4um BSI CMOS Image Sensor

## 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)

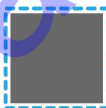
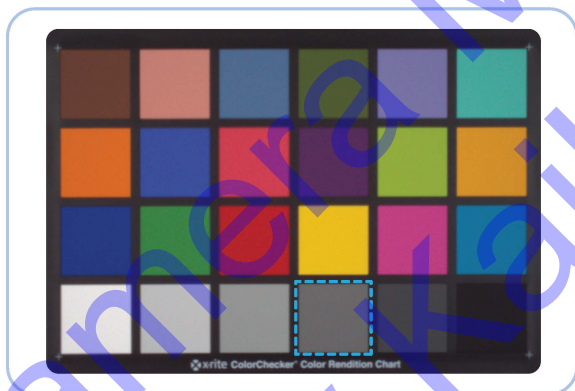


### High Speed Frame Rate

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

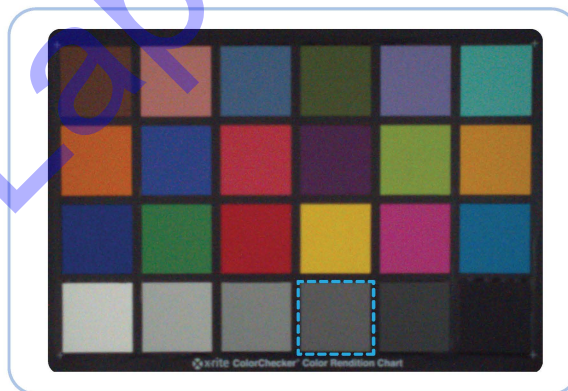
## Product Images

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.

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For more information, please visit [www.samsungsemi.com](http://www.samsungsemi.com)

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