

## KLT-B8K-S5K3H7 V2.0

**Samsung S5K3H7 MIPI Interfaz Enfoque automático 8MP Módulo de cámara**



<b>Módulo de cámara No.</b>	<b>KLT-B8K-S5K3H7 V2.0</b>
<b>Sensor de imagen</b>	S5K3H7
<b>EFL</b>	3.69 mm
<b>F.NO</b>	2.2
<b>Pixel</b>	3264 x 2448
<b>Ángulo de visión</b>	74.9°
<b>Tipo de lente</b>	1/3.2 pulgada
<b>Dimensiones de la lente</b>	8.5 x 8.5 x 5.65 mm
<b>Tamaño del módulo</b>	16.35 x 8.5 mm
<b>Tipo de módulo</b>	Enfoque automático
<b>Interfaz</b>	MIPI

**N. ° de pieza del conector de acoplamiento. AXK7L30223G**



Conector de acoplamiento en la placa principal. Se vende por separado.

A photograph of three young children with blonde hair climbing a rope net on a playground. The child in the center is wearing a light blue polo shirt and has a wide, joyful expression with their mouth open. The child to the right is wearing a striped polo shirt and is also smiling. The background is a blurred wooden deck, suggesting motion. A large, semi-transparent watermark 'CameraModuleFactory.com' is overlaid diagonally across the image.

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

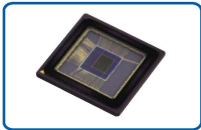
8Megapixel 1/3.2" 1.4um BSI CMOS Image Sensor

## 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)

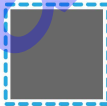
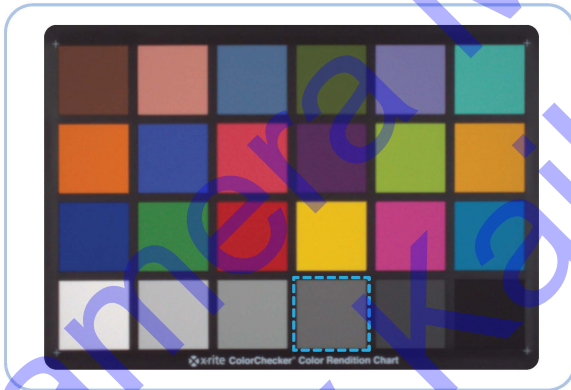


### High Speed Frame Rate

- 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](http://www.samsungsemi.com)

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

SAMSUNG