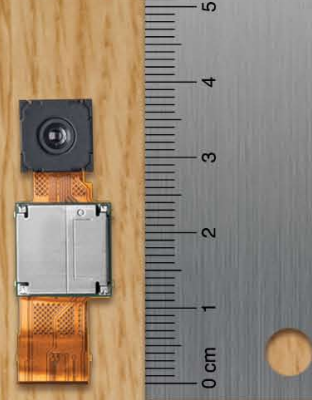


Introducing a small wonder from Sony.



MCB1172 8.08 Mega Pixels Digital Camera Module for Mobile Phones		
Image sensor	Progressive scan CMOS image sensor	
	Number of total pixels	3320 (H)x2500 (V)
		8.30 M pixels
	Number of effective pixels	3280 (H)x2464 (V)
		8.08 M pixels
Lens	Horizontal angle of view	52.7 degrees
	F value	1:2.8
Auto focus	Focus range	100 mm ~ infinity with auto focus
	Mechanics	Linear motor
Exposure control	Automatic, Hold, Manual, Shutter speed priority and ISO sensitivity priority (Long exposure supported)	
White balance	Automatic, Pull-in and Preset (8 modes)	
Image stabilization	Electronic method, Still capture and movie support	
Output format	YCbCr:4:2:2 and JPEG, Maximum image size: 3264(H) x 2448 (V) 7.99M pixels	
	Frame rate @ MCK = 13 MHz	Draft mode: 30 fps (up to 720p)
		Still capture mode (YCbCr output) : 1.875 fps (up to 8Mpixels)
		Still capture mode (JPEG output): 15fps (up to 8M pixels)
I/O pins	Image signal I/O	YCbCr / 8 bit / 4:2:2 (SAV, EAV not supported)
		JPEG 4:2:2 stream data without header
	Control signal I/O	I2C bus fast mode (400kbps), Interruption line signal, Fill light synchronization signal
Power, others	Power supply	VDD _ L: 1.2+/- 0.1 V, VDD _ SD: 1.8 V +/- 0.1 V, VDD _ SA: 2.8V+/- 0.1 V VDD _ AF: 2.7-3.0V(Typ. 2.8V), VDD _ IO: 1.8V +/- 0.1 V,
	Power consumption	TBD
	Storage temperature	-30 to +80 degrees
	Operating temperature	-10 to +60 degrees
	Recommended op. temp.	-10 to +45 degrees
	Package dimensions	9.5mm(W) x 9.5mm(L) x 7.1mm(H) (Camera Head Block)
	Package mass	TBD grams

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SONY

The compact, high definition, 8.3 megapixel Sony MCB is the smallest camera module capable of delivering 720p HD quality video at a high frame rate (30 fps at 720p). The 1/3.2" type camera module consists of a lens, a feature-rich DSP and a high quality Sony CMOS sensor. The progressive scan CMOS sensor delivers video support with YCbCr video or JPEG still image output. The MCB1172 also comes with a high sensitivity mode and a smooth slow movie function, delivering 120fps. The device is ideal for OEMs and integrators of equipment where high quality video or high resolution is required in a compact design.

For more details, please contact xxxx.

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