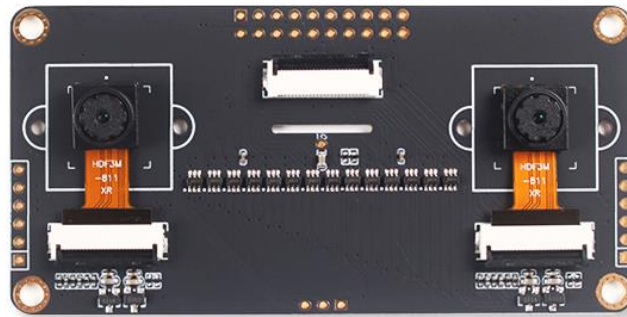# Sipeed DualCamera Datasheet v1.0

Key Features：

- Camera: Dual OV2640(2.0 Megapixel)
- Binocular Distance: 60mm (Human eyes distance)
- Development Environment: Dual Camera API in MaixPy
- Low Latency Circuit Switching: 2.7Ω Low Voltage SPDT Analog
- Size : 88.2*43.8mm
- Connecting method: Three 24P FPC connector

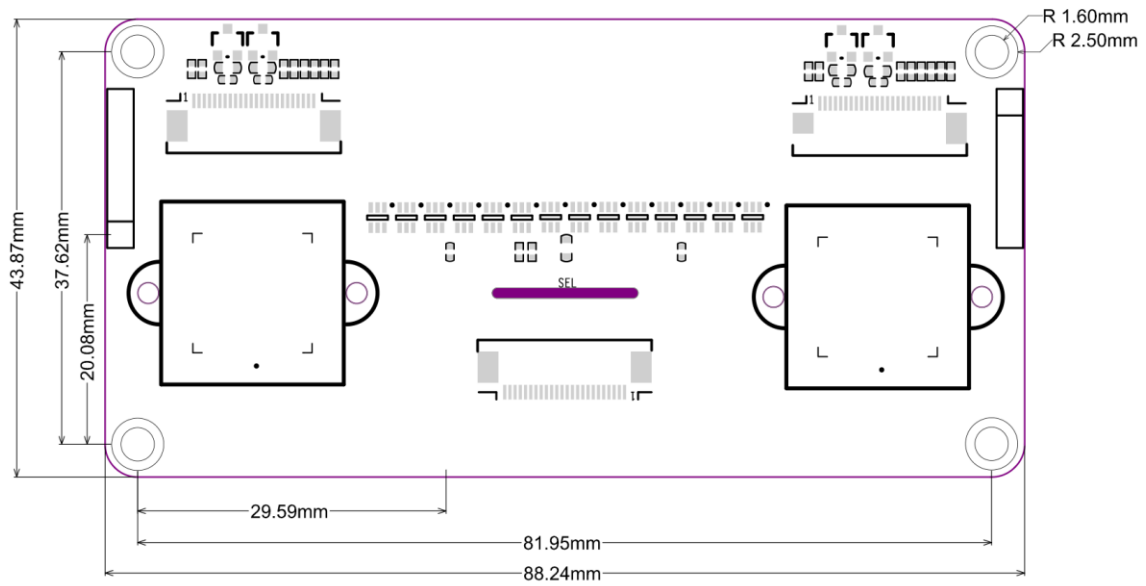| UPDATE	
V1.0	2019/7/10 Published original document

SPECIFICATION	
CMOS : OV2640	Image : 1600x1200(UXGA) Format (8 bit): • YUV • RGB565/555 • 8bit compressd data • 8-/10-bit Raw RGB data
Function	Switch Camera controller is connected to DVP_PWDN
SPDT Analog Switch(BL1551)	Max Bandwidth: 300Mhz High Off-isolation : 84dB at 1Mhz 51dB at 10Mhz On-Resistance : 2.7Ω at 5.0V Latency: t_{on} 12.0ns; t_{off} 5.0ns TTL/CMOS compatible Break-Before-Make Switching Rail-to-Rail Signal Range

HARDWARE FEATURES	
Supply voltage of external power supply	3.3V ±0.2V or 1.8V ±0.2V
Supply current of external power supply	>100mA
Temperature rise	<30K
Range of working temperature	0℃ ~ 50℃

	SIZE
Length	88.2mm
Width	43.8mm

RESOURCES	
Official Website	www.sipeed.com
Github	https://github.com/Lichee-Pi
BBS	http://bbs.sipeed.com
Wiki	maixpy.sipeed.com
Sipeed Model Store	https://maixhub.com/
SDK Reference	dl.sipeed.com/MAIX/SDK
HDK Reference	dl.sipeed.com/MAIX/HDK
E-mail (Technical Support)	support@sipeed.com
Telegram Link	https://t.me/sipeed
QQ Group	878189804

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