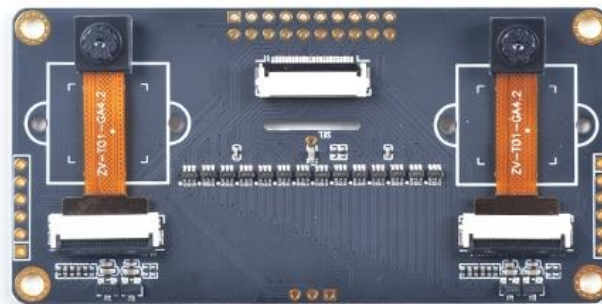


# Sipeed DualCamera Datasheet

## v1.1



### Key Features:

- Camera: Dual GC0328 (300 thousand pixels)
- Binocular Distance: 60mm (Human eyes distance)
- Development Environment: Dual Camera API in MaixPy
- Low Latency Circuit Switching:  $2.7\Omega$  Low Voltage SPDT Analog
- Size : 88.2\*43.8mm
- Connecting method: Three 24P FPC connector

### UPDATE

V1.0	2019/7/10 Published original document
V1.1	Edited March 19, 2020; OV2640 replaced with GC0328

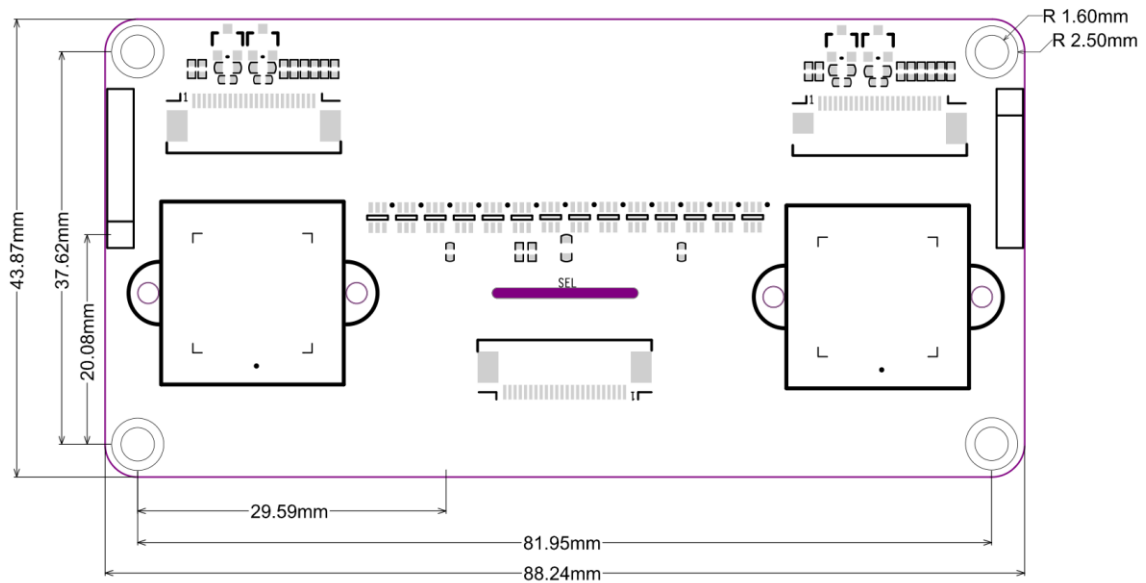
### SPECIFICATION

CMOS : GC0328	Pixel: 640V x 480h Sensor size: 1 / 6.5-inch Output format: ycbcr4:2:2, rgb565, raw Bayer
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 <sub>on</sub> 12.0ns; t <sub>off</sub> 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°C ~ 50°C

SIZE	
Length	88.2mm
Width	43.8mm



RESOURCES	
Official Website	<a href="http://www.sipeed.com">www.sipeed.com</a>
Github	<a href="https://github.com/Lichee-Pi">https://github.com/Lichee-Pi</a>
BBS	<a href="http://bbs.sipeed.com">http://bbs.sipeed.com</a>
Wiki	<a href="http://maixpy.sipeed.com">maixpy.sipeed.com</a>
Sipeed Model Store	<a href="https://maixhub.com/">https://maixhub.com/</a>
SDK Reference	<a href="http://dl.sipeed.com/MAIX/SDK">dl.sipeed.com/MAIX/SDK</a>
HDK Reference	<a href="http://dl.sipeed.com/MAIX/HDK">dl.sipeed.com/MAIX/HDK</a>
E-mail (Technical Support)	<a href="mailto:support@sipeed.com">support@sipeed.com</a>
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