

Allwinner Vxxx Camera Support List

General

Description:

- 1.The purpose of this document is the guide of camera selection for customer using our solution.
- 2.There are some camera modules that not mentioned here. Since that is an universal device. So you can test it by yourself before mass production or send the sample to us for
3. Since camera is high speed device. Please directly copy our PCB camera Part Template and follow our PCB Layout Guide.

Version	Date	Author	Changes compared to previous issue
V1.00	2019/10/8	LWJ	Initial Version
V1.01	2020/3/31	LWJ	Add some camera
V1.02	2020/6/10	ZHJ	Add some camera
V1.03	2022/2/11	ZHJ	Update v85x camera list and add some camera

Brand	Resolution	Model	Size	Interface	WDR	Fps	Lens support	IQ			
								V536/V526/V316	V533/V535	V833/V831	V853/V851
Sony	1080p	IMX307	1/2.8	MIPI	2exp ready	30@WDR	TRC-2336H6-02	√			
	5M	IMX335	1/2.8	MIPI	2exp ready	30@WDR	Trace Optical TRC-2117D6-01	√			
	4K	IMX317	1/2.5	MIPI	not ready	30	Zhuihui ZH632	√			
	4K	IMX415	1/2.8	MIPI	not ready	30	SHG098-801-650	√			
	12M	IMX386	1/2.86	MIPI	not support	30@4K / 120@1080p	Jiangxi Imaging Optics YM6300	√			
Smartsens	5M	SC500AI	1/2.7	MIPI	2exp ready	30					
	5M	SC530AI	1/2.7	MIPI	not ready	30					
	1080p	SC200AI	1/2.8	MIPI	2exp ready	30					
	1080p	SC2231	1/3.2	MIPI	not support	30					
	1080p	SC2232	1/2.9	MIPI	not support	30	/			√	
	1080p	SC2232H	1/2.9	MIPI	not support	30	/			√	
	1080p	SC2323	1/2.7	MIPI	2exp ready	30@WDR					
	1080p	SC2363P	1/2.9	MIPI	not support	30					
	1080p	SC2315	1/2.7	MIPI	2exp ready	30@WDR	/	√			
	4M	SC4233P	1/3	MIPI	2exp ready	30@WDR	/	√			
	4M	SC4335	1/2.7	MIPI	not support	30					
	4K	SC8335/SC8353	1/3	MIPI	not support	30					
	480P	SC031GS	1/6	MIPI	not ready	120	LH-WY-SC031GS-V4.0			√	
	480P	SC03H5GS	1/6	MIPI	not ready	120				√	
Superpix	1080p	SP2305	1/2.7	MIPI	not support	30	/			√	
	1080p	SP2306	1/3	MIPI	not support	20					

Cista	1080P	C2390A	1/2.7	MIPI	not support	20					
	1080p	C23A98	1/2.7	MIPI	not ready	30					
SOI	1080p	F37H	1/3	MIPI	not support	30	SY-2003-650-17		√		
GalaxyCore	1080p	GC2053	1/2.9	MIPI	not support	30	SY-2003-650-17/TRC-2336H6-02	√	√		√
	1080P	GC2083	1/3.02	MIPI	not support	30			√		
	4M	GC4663	1/3	MIPI	2exp ready	30					√
	4M	GC4653	1/3	MIPI	not support	30	Trace Optical TRC-2117D6-02	√	√		