



Allwinner V851S&V851SE 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 testing.
3. Since camera is high speed device. Please directly copy our PCB camera Part Template and follow our PCB Layout Guide.
- 4.The camera in the list is done a simple test, please consult the FAE engineer for details.

Brand	Resolution	Model	Size	Interface	WDR	Fps	Lens support	IQ
								V851S&V851SE
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	