ALLWINNER TECH CO.,Ltd

Allwinner R16 Camera Support List

General Description:

1.The purpose of this document is the guide of camera seclection 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

3. Since camera is high speed device. Please directly copy our PCB camera Part Template and follow our PCB Layout

Abbr.	Definition
X	Do Not Support
N/T	Not Tested and Uncertain
D/S	Datasheet Support
S/T	Sample Tested
√	Sample Tested and Mass Production

芯片厂	分辨率	型号	I2C	接口	格式	AVDD	IOVDD	DVDD	AFVCC	AF/FF	VCM Driver	Status
Galaxy Core	0.3M	gc0308	0x42	Parallel	YUV	2.8	2.8	1.8		FF		S/T
	0.3M	gc0329	0x62	Parallel	YUV	2.8	2.8	1.8		FF		D/S
	0.3M	gc0328	0x42	Parallel	YUV	2.8	2.8	1.8		FF		S/T
	0.3M	gc0307	0x42	Parallel	YUV	2.8	2.8	1.8		FF		S/T
	0.3M	gc0311	0x66	Parallel	YUV	2.8	2.8	1.8		FF		S/T
	0.3M	gc0312	0x42	Parallel	YUV	2.8	2.8	1.8		FF		D/S
	2M	gc2035	0x78	Parallel	YUV	2.8	2.8	1.8		FF		S/T

	2M	gc2015	0x78	Parallel	YUV	2.8	2.8	1.8		FF		D/S
	2M	gc2145	0x78	Parallel	YUV	2.8	1.8	1.8		FF		D/S
	2M	gc2155	0x78	Parallel	YUV	2.8	2.8	1.8		FF		D/S
	2M	gt2005	0x78	Parallel	YUV	2.8	2.8	1.8		FF		S/T
	5M	gs5604	0x78	Parallel	YUV	2.8	2.8	1.8		AF/FF		D/S
superpix	0.3M	sp0838	0x30	Parallel	YUV	2.8	2.8	1.8		FF		D/S
	0.3M	sp0718	0x42	Parallel	YUV	2.8	2.8	1.8		FF		S/T
	2.0M	sp2519	0x60	Parallel	YUV	2.8	2.8	1.8		FF		S/T
	2.0M	sp2518	0x60	Parallel	YUV	2.8	2.8	1.8		FF		D/S
OV	0.3M	ov7736	0x42	Parallel	YUV	2.8	1.8	1.5		FF		S/T
	2.0M	ov2640	0x60	Parallel	YUV	2.8	2.8	1.3		FF		S/T
	2.0M	ov2686	0x20	Parallel	YUV	2.8	2.8/1.8	1.8		FF		D/S
BYD	0.3M	bf3a03	0xDC	Parallel	YUV	2.8	2.8	1.8		FF		D/S
	2.0M	bf3920	0xDE	Parallel	YUV	2.8	2.8	1.8		FF		D/S
Samsung	5M	s5k4ec	0x5A	Parallel	YUV	2.8	2.8	1.2		AF		D/S
Himax	2.0M	HM2058	0x48	Parallel	YUV	2.8	2.8	1.8		FF		S/T

Himax	5M	hm5065	0x3E	Parallel	YUV	2.8	2.8	1.8		AF		D/S