ALLWINNER TECH CO.,Ltd

CMOS Approval List of A20

General Description:
1.The purpose of this document to give a guide of Camera seclection for customers using our solution.
2. You can refer to our PCB layout guide when you draw circuit diagram.

Test Status

ST	support and tested
SNT	support but not tested
MP	has been mass producted

Revision History

Date	changes
2013-3-22	Initial Version
2013-5-30	Add module vendor and contact

分辨率	芯片厂	型号	IIC	尺寸	接口	格式	视频规格	特性	模组厂/模组型号	LENS	AVDD	IOVDD	DVDD	AFVCC	AF/FF	VCM Driver	Test Status
0.3M	Galaxy Core	gc0307	0x42	1/7"	Parallel	YUV	vga@15fps				2.8	2.8	1.8		FF		ST
		gc0308	0x42	1/6.5"	Parallel	YUV	vga@15fps				2.8	2.8	1.8		FF		MP
		gc0309	0x42	1/9"	Parallel	YUV	vga@15fps				2.8	2.8	1.8		FF		SNT
		gc0329	0x62	1/9"	Parallel	YUV	vga@15fps				2.8	2.8	1.8		FF		ST
	Hynix	hi704	0x60	1/10"	Parallel	YUV	vga@20fps				2.8	2.8			FF		SNT

0.3M	Superpix	sp0838	0x30	1/8"	Parallel	YUV	vga@20fps				2.8	2.8			FF		ST
1.3M	Aptina	mt9m112	0xba	1/4"	Parallel	YUV	640x512@30fps				2.8	2.8	1.8		FF		ST
		mt9m113	0x78	1/6"	Parallel	YUV	640x512@30fps				2.8	2.8	1.8		FF		SNT
2M	OV	ov2655	0x60	1/5"	Parallel	YUV	640x480@30fps				2.8	2.8	1.5		FF		ST
		ov2643	0x60	1/4"	Parallel	YUV	720p@30fps				2.8	2.8	1.5		FF		ST
	Galaxy Core	gt2005	0x78	1/5"	Parallel	YUV	800x600@30fps				2.8	2.8	1.8		FF		MP
2M	Galaxy Core	gc2015	0x60	1/5"	Parallel	YUV	640x480@30fps				2.8	2.8	1.8		FF		ST
	Hynix	hi253	0x40	1/5"	Parallel	YUV	800x600@30fps				2.8	2.8	1.8		FF		SNT
	Aptina	mt9d112	0x78	1/4"	Parallel	YUV	640x480@30fps				2.8	2.8	1.8		FF		SNT
5M	OV	ov5640	0x78	1/4"	Parallel	YUV	1080p@15fps 720p@30fps	BSI	光阵/GCFF100239 舜宇/P5V08A 鑫宇晟/U-QZAF100-01MIPI-V1.0	Largan	2.8	2.8	1.5	2.8	AF	AD5820	MP
		ov5647	0x6c	1/4"	Parallel	RAW	5M@15fps 1080p@30fps 720p@30fps	BSI			2.8	2.8	1.5	2.8	AF	AD5820	ST
	Samsung	s5k4ec	0x5a	1/4"	Parallel	YUV	1080p@15fps 720p@30fps			KAVAS KV3525A	2.8	2.8	1.2	2.8	AF	DW9714	SNT