

Camera Support List of A10

General Description:

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

Date	changes
2011-9-16	Initial Version
2011-12-8	1.fix gt2005 description error 2.fix description error,not support gc0309 3.add hi253 and ov2655 support 4.add resolution description
2012-1-12	Add gc0307, mt9d112, ov5640 support
2012-2-15	Add gc2015 support

IC厂商	型号	像素	规格	对焦	电源				备注
					AVDD	DOVDD	DVDD	AFVCC	
ov	ov7670	0.3M	640x480@30fps	定焦	2.8	2.8	1.8	NC	
			352x176@30fps						
			320x240@30fps						
			176x144@30fps						
	ov2655	2M	1600x1200@15fps	定焦	2.8	2.8	1.5	NC	基本图像能出, 效果没有fine tune
	ov2655	2M	800x600@30fps	定焦	2.8	2.8	1.5	NC	原厂一直没有配合给参数

OV	ov2655	2M	640x480@30fps	定焦	2.8	2.8	1.5	NC	ov5640驱动能力不足，模组选择方面FPC需要尽量短
	ov5640	5M	1920x1080@15fps	定焦	2.8	2.8	1.5	NC	
			1280x720@15fps						
			640x480@30fps						
Micron	mt9m112	1.3M	1280x1024@15fps	定焦	2.8	2.8	1.8	NC	
			640x512@30fps						
	mt9m113	1.3M	1280x1024@15fps	定焦	2.8	2.8	1.8	NC	
Micron	mt9m113	1.3M	640x512@30fps	定焦	2.8	2.8	2.8	NC	
	mt9d112	2M	1600x1200@15fps	定焦	2.8	2.8	1.8	NC	
			640x480@30fps						
GalaxyCore	gc0307	0.3M	640x480@15fps	定焦	2.8	2.8	1.8	NC	
	gc0308	0.3M	640x480@15fps	定焦	2.8	2.8	1.8	NC	
	gt2005	2M	1600x1200@15fps	定焦	2.8	2.8	1.8	NC	
			1280x720@15fps						
			800x600@30fps						
			640x480@30fps						
	gc2015	2M	1600x1200@2fps	定焦	2.8	2.8	1.8	NC	
			1280x1024@2fps						
			1024x768@2fps						
			800x600@8fps						
640x480@8fps									

Hynix	hi704	0.3M	640x480@20fps	定焦	2.8	2.8	1.8	NC	IIC与其他器件共用会冲突
	hi253	2M	1600x1200@15fps	定焦	2.8	2.8	1.8	NC	
			1280x720@15fps						
			800x600@30fps						
			640x480@30fps						
			320x240@30fps						
SuperPix	sp0838	0.3M	640x480@20fps	定焦	2.8	2.8	1.8	NC	