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Camera modules

KLT	http://www.kailaptech.com	Китай, куча модулей камер, MT-SYSTEM вроде поставляет
Sinoseen	https://www.oemcameramodules.com/supplier-440260-mipi-camera-module	Китай, всякие разные модули
BRITECH CMOS?	https://cbritech.en.alibaba.com/productgroup/824337818/Fixed_Focus_Camera_Module.html	Китай, есть дешёвые совсем
XCG?	https://xinchengguang.en.made-in-china.com/product-group/PMkALCKYngVB/MIPI-Camera-module-catalog-1.html	Китай, есть дешёвые совсем
SINCEREFIRST?	https://www.cameramodule.com/fpc-camera-module/	Китай, всякие разные модули
HAMPO?	http://ru.hampotech.com/mipi-camera-module/	Китай, всякие разные модули
Motoshot?	https://www.camemake.com/mipi-camera-module/	Китай, всякие разные модули
CMT?	http://www.camera-module.com/product/mipicameramodule/	Китай, всякие разные модули, мало MIPI?
CK?	https://www.ckvisioncam.com/collection/2-mp-mipi-csi-camera-module	Китай? Цены? Мало?
ALINX	https://alinx.com/en/cate/88.html	Отладки всякие, в том числе модули камер
e-con	https://www.e-consystems.com/cameramodule.asp	Дорогие
Leopard imaging	https://leopardimaging.com/product-category/robotics-cameras/cis-2-mipi-modules/mobile-modules/	Дорогие
TechNexion	https://www.technexion.com/products/embedded-vision/mipi-csi2/	Дорогие
INET?	https://www.inetele.com/	Дорогие?



С автофокусом - обычно большого разрешения

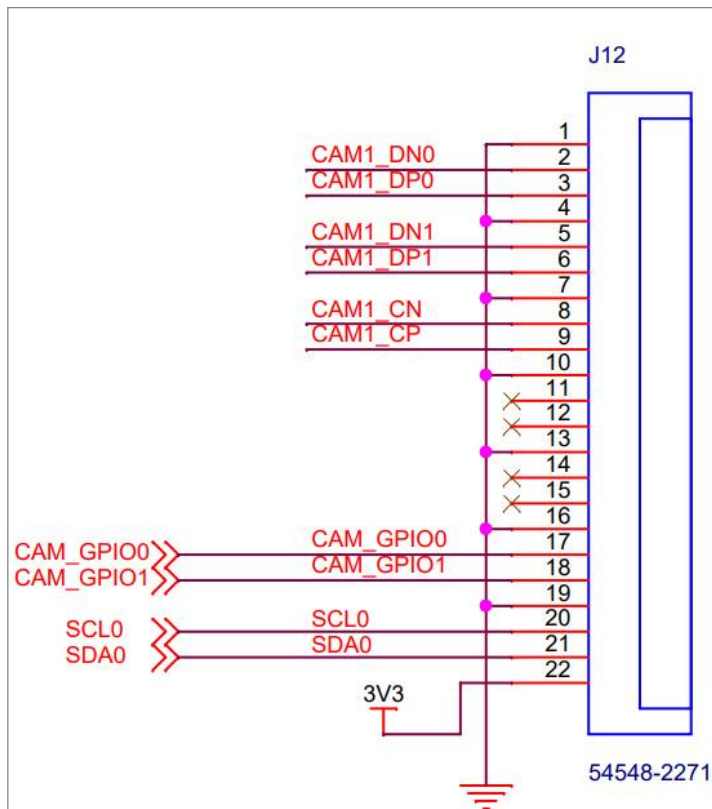
Manufacturer	p\n	resolution	MP	Interface		Shutter
SmartSens	SC031GS	640×480	0.3M	DVP/MIPI/LVDS		Global
SmartSens	sc200ai	1920×1080	2M	MIPI/DVP	???	
GalaxyCore	GC2093	1920×1080	2M	MIPI	???	
SmartSens	SC3336	2312×1304	3M	MIPI/DVP	+++	
Omnivision	os04a10		4M	MIPI/LVDS		
SmartSens	SC4336	2568×1448	4M	MIPI		
SmartSens	SC500AI	2888×1628	5M	MIPI		

Manufacturer	p\n	resolution	MP	Interface		Shutter
SmartSens	SC500AI	2888×1628	5M	MIPI		
SmartSens	SC530AI	2884×1624	5M	MIPI		
GalaxyCore	GC4023					
GalaxyCore	GC4653					
SmartSens	sc230ai					
SmartSens	SC3338					

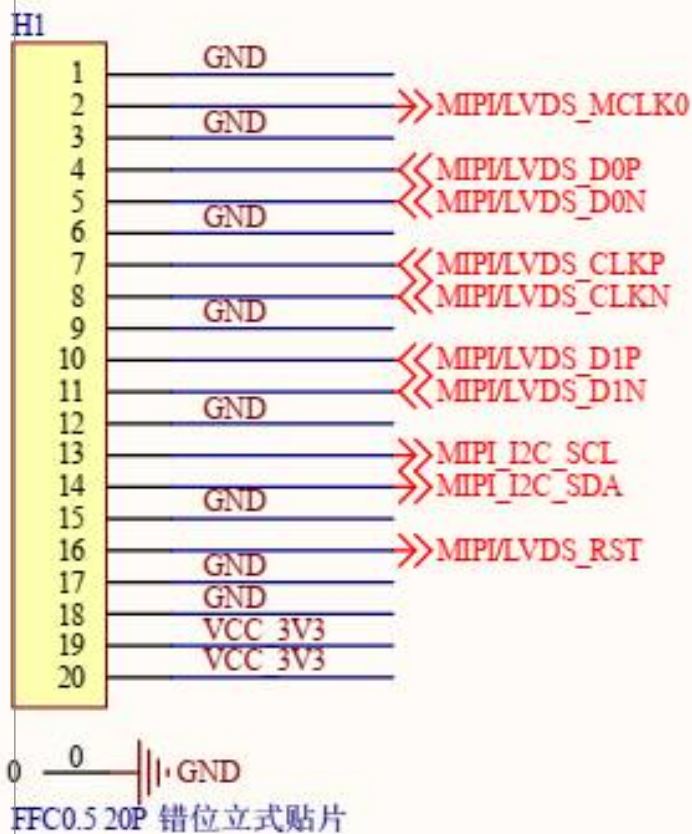
photo	size	lens	focus
	38×38	M12	fixed
	22×15	M12	fixed
	24.5×24.5	M12	Fixed

photo	size	lens	focus
		M12	fixed
			fixed
			fixed
			auto

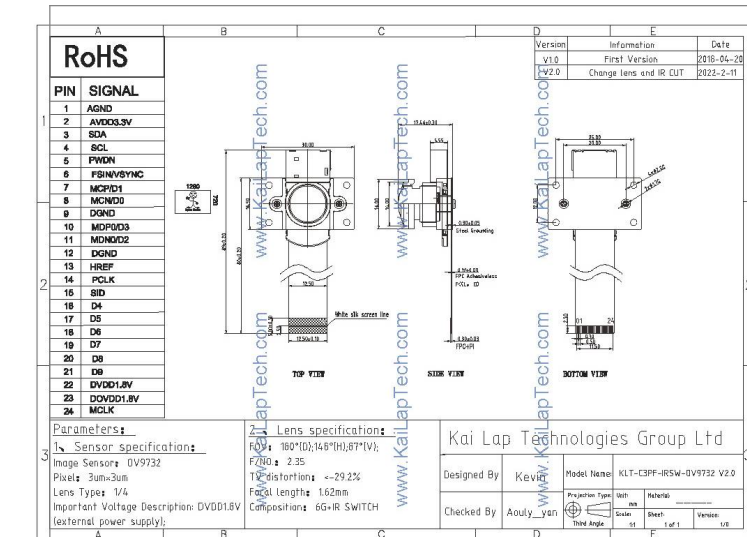
FPC pinouts



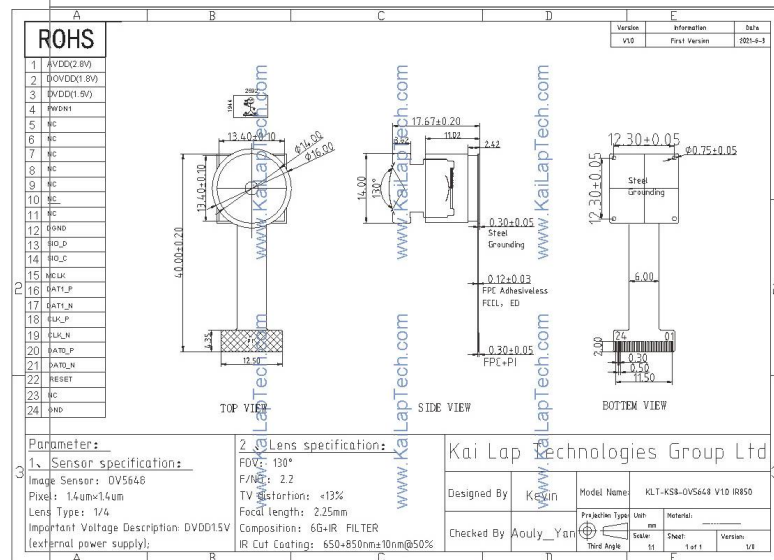
Raspberry PI FPC connector



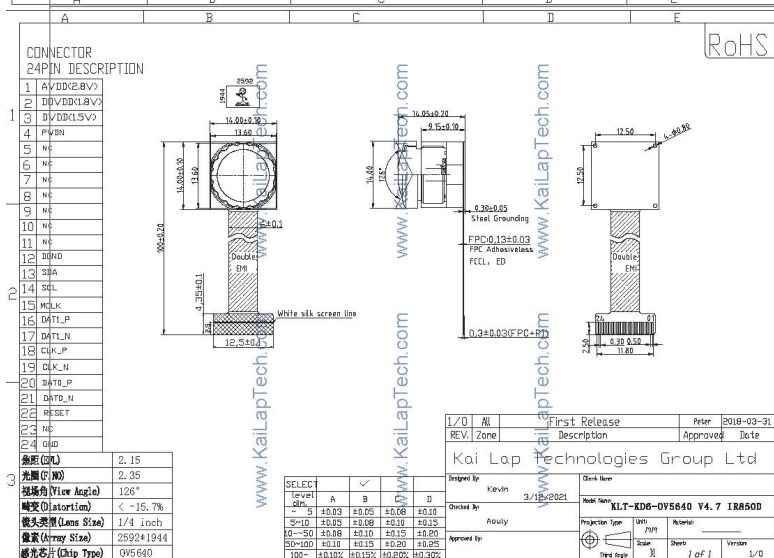
Rockchip luckfox



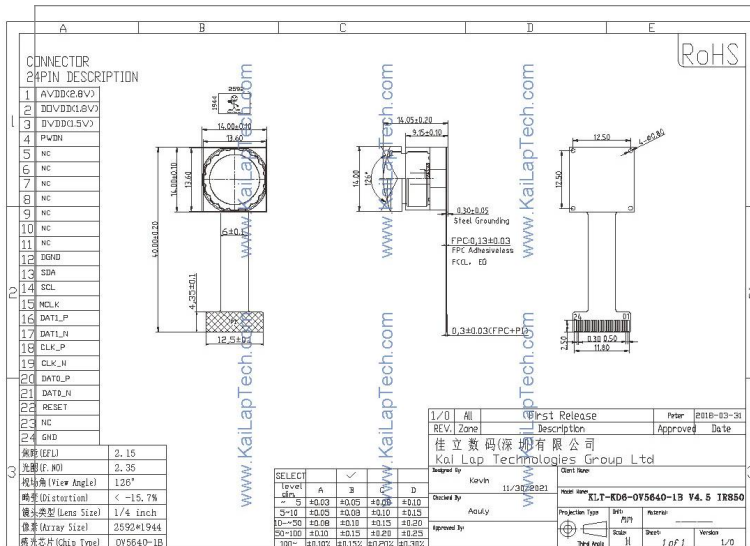
<http://www.kailaptech.com/Product.aspx?id=2508&l=1110>
1MP OmniVision OV9732 IR Switch MIPI and DVP Interface
M12 Fixed Focus Camera Module
Model No. KLT-C3PF-IRSW-OV9732 V2.0



<http://www.kailaptech.com/Product.aspx?id=2577&l=1110>
5MP OmniVision OV5648 MIPI Interface M12 850nm
Dual Pass Fixed Focus Camera Module
Model No. KLT-KS8-OV5648 V1.0 IR850



<http://www.kailaptech.com/Product.aspx?id=2319&l=1110>
5MP OmniVision OV5640 MIPI Interface 850nm Dual Pass
M12 Fixed Focus Camera Module
Model No. KLT-KD6-OV5640 V4.7 IR850D



<http://www.kailaptech.com/Product.aspx?id=2375&l=1110>
5MP OmniVision OV5640-1B MIPI Interface 850nm IR Pass
M12 Fixed Focus Camera Module
Model No. KLT-KD6-OV5640-1B V4.5 IR850

CAM

