

ST41-2281FF-MIPI

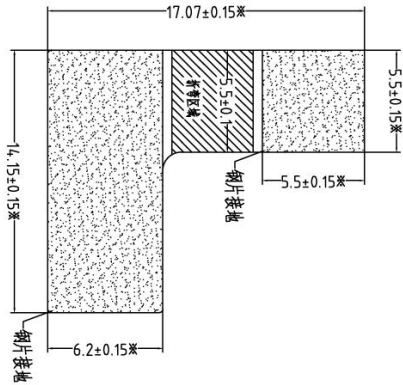
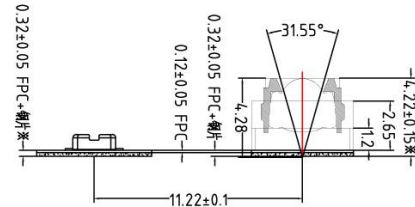
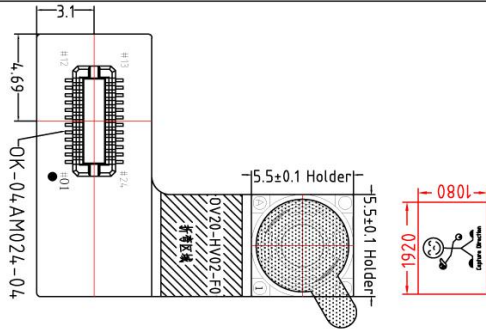
Supertek 2MP MIPI Camera Module



SPECIFICATION

Image Sensor	1/7.5" OV2281
Pixel Size	1.12 μ m(H) x 1.12 μ m(V)
Resolution	2.0Megapixel 1920H x 1080V
Interface	24pin MIPI
FOV	Default 31.55 degree
Lens	EFL: 4.28mm F/NO: 2.2mm
Focus type	Fixed focus
Objective Distance	30cm to infinity
Shutter type	Rolling Shutter
Operating Temperature	-20° ~ +70°
Module Size	17.07*14.15*4.22mm

PRODUCT DIMENSION



NO	PIN NAME	NO	PIN NAME
1	DOVDD 1.8V	13	MDNO
2	AVDD 2.8V	14	DGND
3	AGND	15	MCN
4	RESET	16	MCN
5	DGND	17	DGND
6	DGND	18	MDP1
7	MCLK	19	MDN1
8	DGND	20	DGND
9	SDA	21	DVDD 1.2V
10	SCL	22	DVDD 1.2V
11	DGND	23	PWDN
12	MDP0	24	DGND

注: 标有*为重点尺寸

主要参数	规格名称	规格	相对照度 (Relative Illumination)	镜头芯片 (Chip Type)	镜头 (Lens Size)	镜头类型 (Lens Size)	焦距 (Focal Length)	景深 (Depth of Field)	视场角 (View Angle)	光圈 (Aperture)	快门速度 (Shutter Speed)	分辨率 (Resolution)	接口 (Interface)	封装 (Package)	材料 (Material)	重量 (Weight)	最大像圆 (Max Image Circle)
镜头类型 (Lens Size)	1/1.5 3P	30cm ~ ∞	>78.0%	OV2281	1920×1080	OV2281	3.0mm	∞	31.55°±3°	F2.2	1/1000 ~ 1/5000	1920×1080	MIPI	陶瓷	0.8g	φ2.88mm	
视场角 (View Angle)	31.55°±3°	28cm			0.70												
焦距 (Focal Length)	4.28mm	4.4×4.4×0.21			810nm												
光圈 (F-number)	F2.2±5%	FPC使用无铅压接铜															
快门速度 (Shutter Speed)	<10%	MIP阻焊材料															
最大像圆 (Max Image Circle)	φ2.88mm	底座名称 (holder)															

SUPERTEK Supertek Co., Limited

INTENDED USE: ST41-2281FF

DATE: 2018.12.04

SCALE: 1:1

REV: A0