

ST41-4689FF-MIPI

Supertek 4MP MIPI Camera Module



SPECIFICATION

Image Sensor	1/2.7" OV4698
Pixel Size	2 μ m(H) x 2 μ m(V)
Resolution	4.0Megapixel 2688H x 1520V
Interface	24pin MIPI
FOV	D=87.4°, H=81.48°, V=48.67°
Lens	EFL: 3.447mm F/NO: 1.94mm
Focus type	Fixed focus
Objective Distance	0.3m to 1.5m
Shutter type	Rolling Shutter
Operating Temperature	-30° ~ +85°
Module Size	10*10*8.7mm

PRODUCT DIMENSION

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

注: 标有*为重点尺寸

REV.	ECN. NO./ Description	Date	APPD.
A0	First Released	2020.05.23	翁梓峰

SUPERTEK Supertek Co., Limited ANTI-ESD USE ST41-4689FF-001	TITLE SPEC DME No: OV4.0A926F101	SCALE: 1:1 DATE: / / REV: 00
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主 要 参 数	镜头名称	JSX-TS-44	相对照度 (Relative Illumination)	>19.5%	镜头芯片 (Chip Type)	OV4689-167A(CSP)
镜头类型 (Lens Sred)	1/2.7 6P+1R		景深 (Focusing Range)	0.3~1.5m	像素 (Chip Size)	2688*1520
视物角 (View Angle)	D=87.4° H=81.48° V=48.67°		聚焦距离 (Focusing Distance)	60cm	IC 地址	0X6C
焦距 (FH)	3.4, 4.7mm		IR 滤光器 (IR Filter)	650 IR		
光圈 (F/NO)	1.94±5%		FPC 供应商材料	FPC 使用无铅压模		
畸变 (TV Distortion)	<1.0%		MIP 阻光控制	100.0±10% Q		
最大失真圈 (Max Image Circle)	Ø7.165mm		底座 (HOLDER)	JSX-TS-44 (S100468035-9S)		