

ST41-X686-A1

Supertek 64MP MIPI Camera Module



SPECIFICATION

Image Sensor	1/1.73"COMS Sensor IMX686-FAJH5-F
Lens	1/1.73 EFL=4.4 F.NO=1.8+5% 7P
Array Size	9248x6944
Relative Illumination	22.1%
FOV	D=93.1°
Focus type	AF
FPC material	FPC uses adhesive-free rolled copper.
MIPI impedance control	100Ω±10%Ω
TV Distortion	-2.11%
Driver IC	DW9824A
LENS Name	JSX-PT-248
IIC Address	R(0x35)W(0x34)
Focus Range	10cm~∞

PIN DESCRIPTION							
NO.	Name	NO.	Name	NO.	Name	NO.	Name
1	DGND	14	DGND	27	AVDD 1.8V	40	DGND
2	DGND	15	XVS	28	DGND		
3	D3P0A	16	GP0	29	SDA		
4	D3N0B	17	DGND	30	SCL		
5	D1P0C	18	MCLK	31	DGND		
6	DGND	19	DGND	32	RESET		
7	DIN1A	20	SLASEL	33	DGND		
8	CKP1B	21	SISEL	34	AF_VDD 2.8V		
9	CKN1C	22	DGND	35	AF-GND		
10	DGND	23	AVDD 2.9V	36	DVDD 1.1V		
11	D2P2A	24	AVDD 2.9V	37	DVDD 1.1V		
12	D2N2B	25	AGND	38	DVDD 1.1V		
13	D4P2C	26	AGND	39	DOVDD 1.8V		

