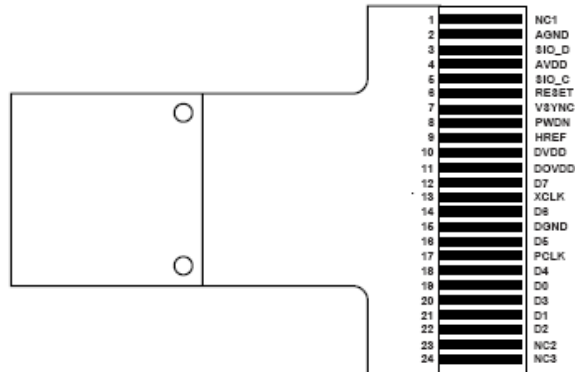
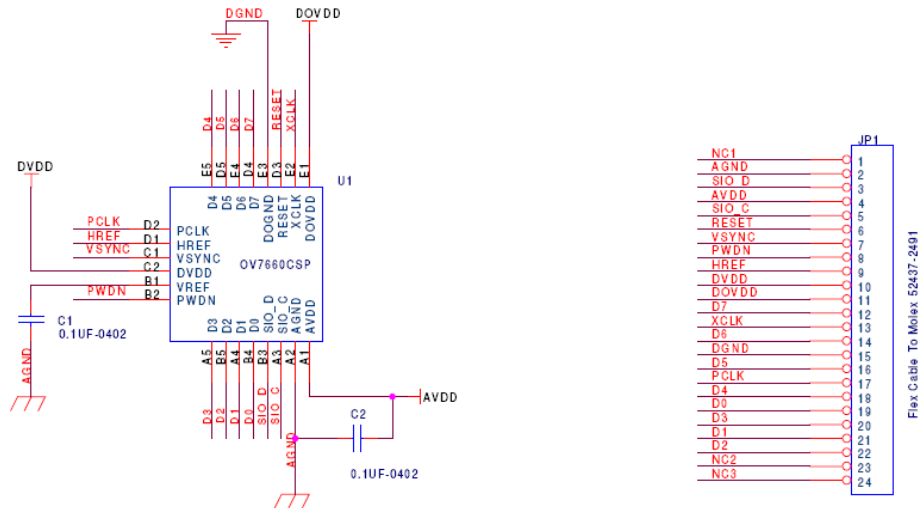


Specification for OV7660FB_LM

Pins Diagram



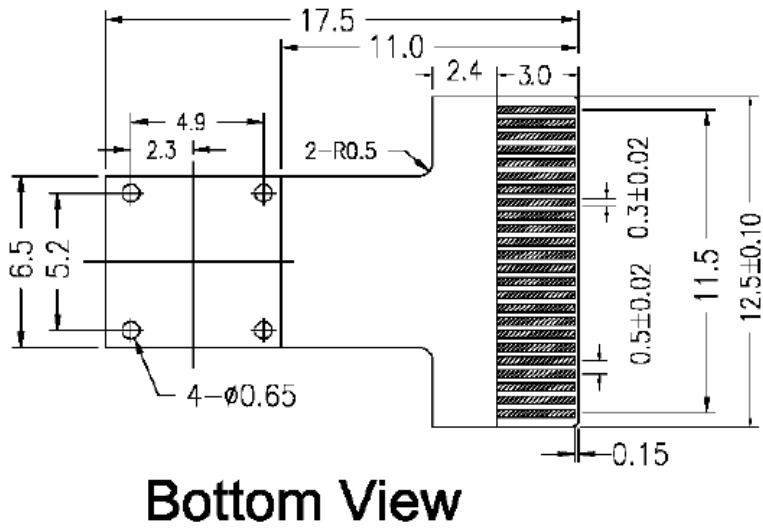
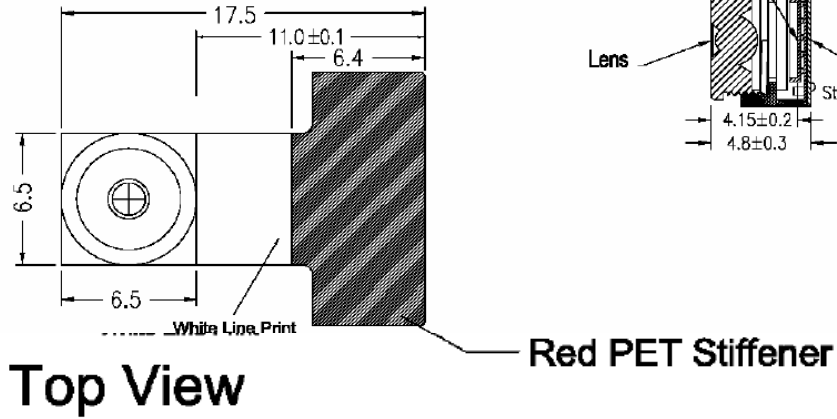
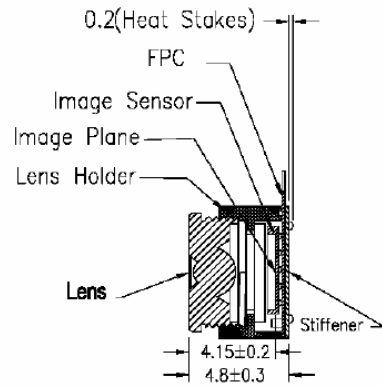
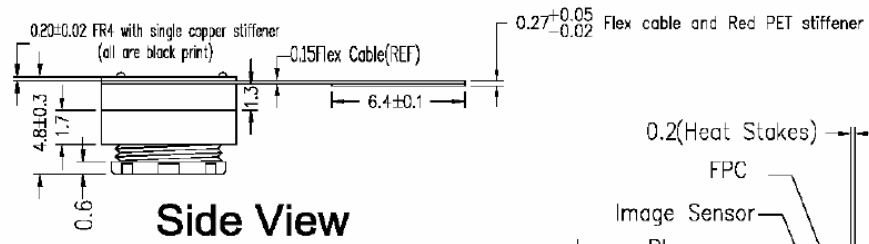
Schematics



Note:

- Connector PWDN and RESET should be connected to ground if unused.
- AVDD is 2.5V sensor analog power.
- DVDD is 1.8V sensor digital power.
- DOVDD is 2.5V to (VDD-A+0.3V) sensor digital IO power.
- Sensor AGND and DGND should be separated and connect to a single point at outside PCB (DO NOT connect inside module).
- C1 should close to sensor VREF and AGND.
- C2 should close to sensor AVDD and AGND.
- D[7:0] is module YUV and RGB 8-bit output.

Mechanical Drawing



All dimensions are ±0.1 unless otherwise specified.

Mechanical Dimensions

Parameter	Specification	Comments
Sensor	4.18 mm X 4.0 mm	CMOS in housing
Lens	Plastic	2P+IR
Connection Type	24 x 0.5 mm	Flex cable
Housing	6.5mm x 6.5mm x 4.8 mm	Excluding mushroom

Lens Specification

Parameter	Specification	Comments
Lens Elements	Plastic	Fixed focus
Viewing Angle	58.9°	
Focal Length	3.1mm	
F Number	2.8	
Focus Range	30 cm to infinite	
Filter	IR cut	Included
Mount Description	M5 × P0.35	
TV Distortion	< 1 %	
Focus Adjustment	Fixed	