LEOPARD IMAGING

LI-IMX377-MIPI-CS Data Sheet

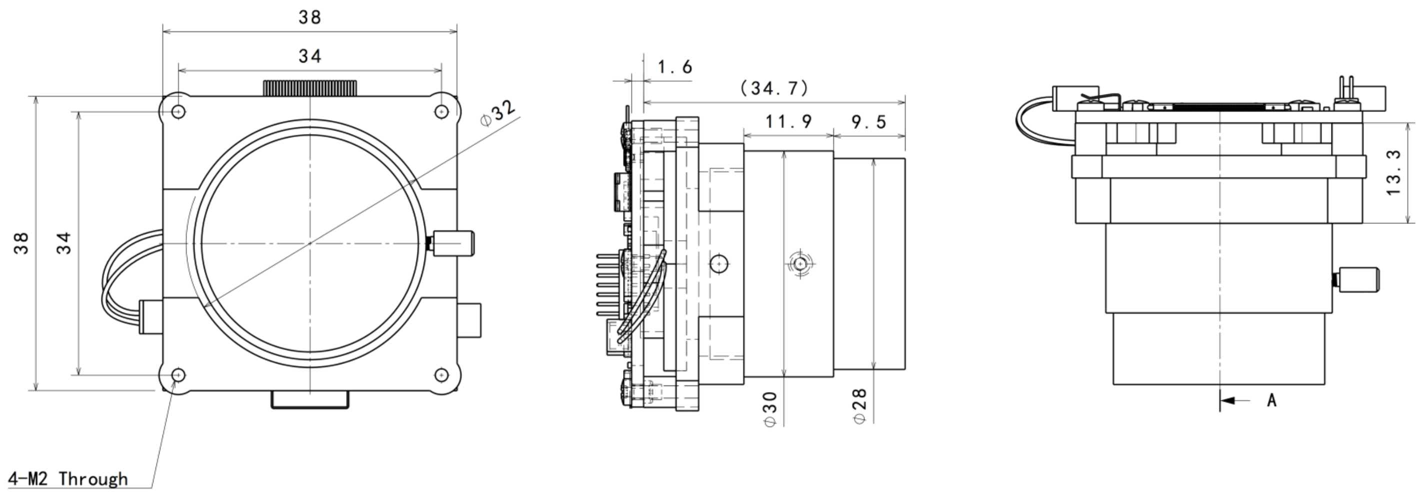
Key Features

- Sony Diagonal 7.81 mm (Type 1/2.3) CMOS Image Sensor IMX377CQT
- Active pixels: 4024 (H) x 3036 (V)
- Pixel size: 1.55 x 1.55 µm
- Color sensor
- Interface: MIPI output
- Supports CS lens
- Module size: 38 x 38 mm
- Weight: ~ 56 g
- Part#: LI-IMX377-MIPI-CS

Lens Spec

- Focal Length: 5.0 mm
- Aperture, F/#: 2.2
- Built in 650 nm IR cut filter
- FOV (D / H / V): 96.5° / 80° / 61.5°
- TV Distortion: < -8%
- Mount Type: CS

Dimensions



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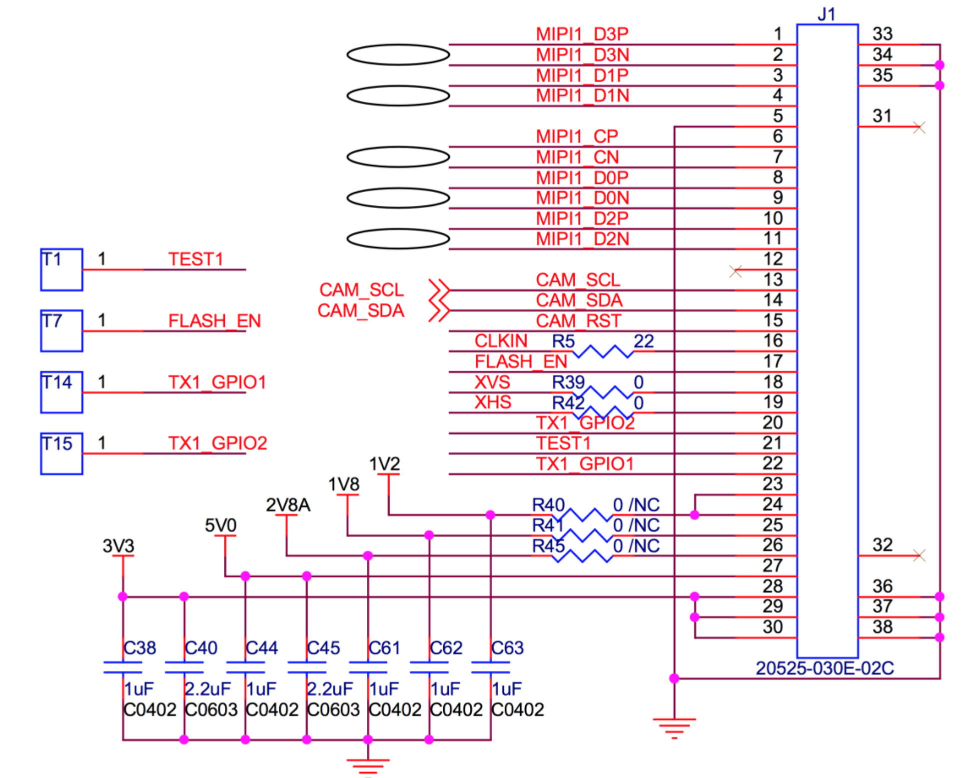
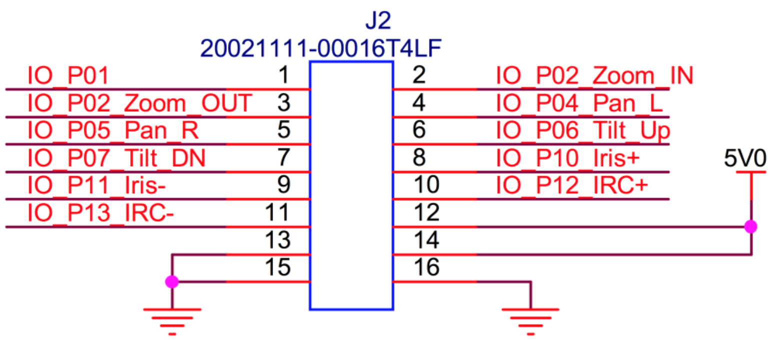
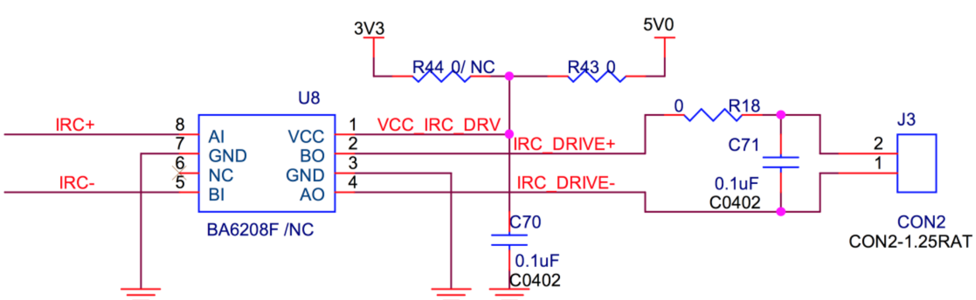
Interfaces

Interface J1: ▪ Part#: 20525-030E-02C ▪ Number of Positions: 30 ▪ Pitch: 0.4 mm ▪ Mating I-PEX cable: LI-FAW-1233-T1 (200 mm)	
Interface J2: ▪ Part#: 20021111-00016T4LF ▪ Number of Positions: 16 ▪ Pitch: 1.27 mm	
Interface J3: ▪ Part#: 1734829-2 ▪ Number of Positions: 2 ▪ Pitch: 1.25 mm	

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Revision History

Revision	Description	Release Date
1.0	First release.	20. Nov. 2018
1.1	Deleted info quoted from sensor spec.	27. May. 2022
1.2	Deleted lens model info.	24. Jul. 2023

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