



MIPI DSI CAMERA KIT FOR USE WITH COM BOARDS & KITS

MSC CAM-DUALMIPI-OV5640-KIT SETPAC

Rev. 0.2, Nov 10, 2021

Product Sheet

PRODUCT OUTLINE

MSC CAMERA KIT

The Dual MIPI CSI Camera Kit with 5MP sensor is intended for easy and fast evaluation of camera functionality in combination with i.MX 8 Series based SMARC modules providing single or dual MIPI CSI interface.

The kit is usable in combination with SMARC Starterkits and Carrier Boards and consists of two MIPI CSI camera modules with OV5640 5MP sensor, a dual camera adapter card and FFC cable for connection with the SMARC carrier board.

Supported Carrier Board and Module

- MSC SM2S-IMX8
- MSC SM2S-IMX8MINI
- MSC SM2S-IMX8PLUS
- MSC SM2S-IMX8NANO
- MSC SM2-MB-EP1
- MSC SM2S-MB-EP5

Specification Highlights

- Leopard Imaging LI-OV5640-MIPI-AF-NL
- Sensor Type OV5640, 5 Megapixel
- Array Size QSXGA 2592 x 1944
- Sensor Temperature Range Operating -30°C to 70°C
- Sensor Temperature Range Stable Image 0°C to 50°C
- View Angle 65°+/- 3°
- Object distance 10cm-infinity

Ordering Code

MSC CAM-DUALMIPI-OV5640-KIT SETPAC

Ordering Number: 89772