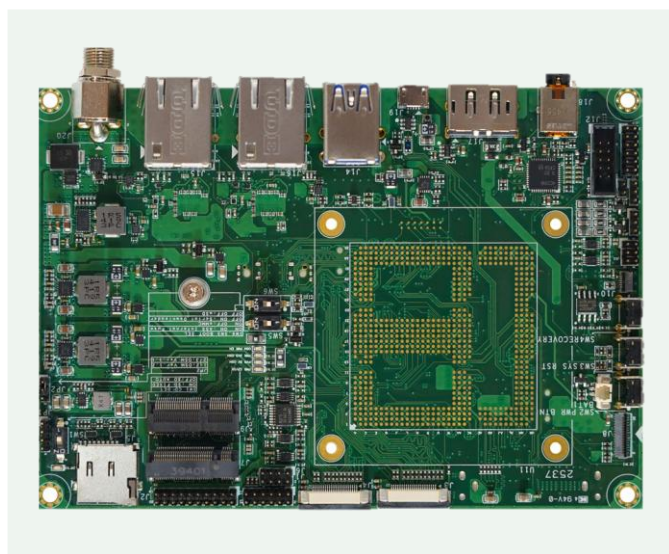


MOSM-R221

OSM-L 3.5" Evaluation Kit



Features

- Open Standard module EVK with 662 pins
- OSM-L LGA to 3.5" industrial carrier board
- Legacy I/O and high-speed interface implemented
- Rich I/O & expansion boards support
- 3.5" industrial form factor
- 9-36V wide voltage input

Specifications

General	OSM Standard v1.2	Support OSM Size-L SoC module
	Power Input	9~36V power input
I/O Interface	Audio	I ² S with combo jack
	PCIe	1x PCIe Gen3 with M.2 2230 Key E
	USB	1x USB OTG(micro USB) 1x USB 3.0 Type-A
	Display	1 × MIPI-DSI (4-lane) 1 x DP
	UART	4x UART(1x console)
	GPIO	1 x GPIO
	Expansion	1x eDP_A for eDP or HDMI add-on card 2x GbE , 1x SDIO for SD card, 1x SPI, 2x ADC, 1x JTAG 1x LVDS connector
Mechanical	Form Factor	3.5"
	Dimension	146 mm(L) x 102 mm (W)
Environment	Operating Temperature	0°C to 70°C
	Storage Temperature	-40°C to 85°C
	Relative Humidity	5 % to 95 % RH (non-condensing)

Block Diagram

