

Dear Partners:

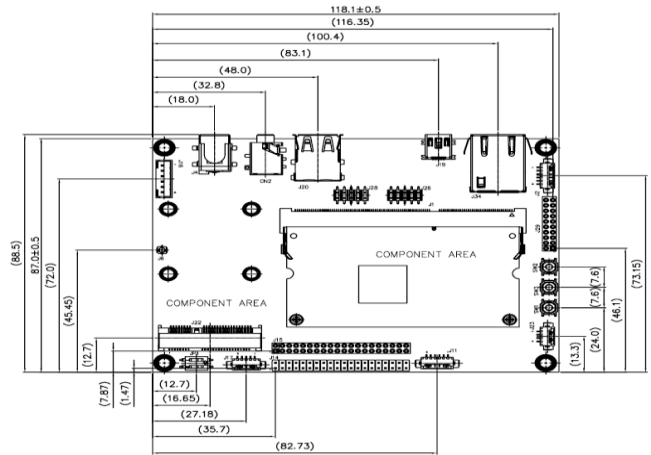
To ease the design process and reduce time to market, Powertip is introducing P05D00075, a SOM which can simply integrate into your end system and ready for deployment. Standard carrier board is available for design-in purpose, in addition, we offer standard display list from 7" 1024x600, both 5" to 7" MIPI and 10.1" LVDS.

Preferrable projects in home/office security, automation, mobile devices and industrial IoT domains.

Please visit our website to learn more about our products or contact with your sales representative for pricing and more information.

■ SOM P05D00075-00

Item	Description	
CPU	RISC Processor	i.MX8M Mini Quad Cortex-A53 @ 1.6 GHz
Memory	On Board RAM	2GB LPDDR4 SDRAM
	On Board ROM	8GB eMMC Flash
	External Storage	1x Micro SD (max. 32G)
Display	Interface	1x LVDS 1x MIPI DSI
I/O	USB	1x USB OTG 2x USB1.1/2.0 Compliant Host 1x USB1.1/2.0 in Mini-PCle Connector
	PCI Express	1x Mini-PCle Connector(1-lane)
	Ethernet	10/100/1000 Mbps
	Analog Audio	1 x Output 1 x Input
	Wireless	WIFI IEEE 802.11 a/b/g/n/ac Bluetooth 4.2 Antenna Connector
	Serial	2 x UART (one for Debug Used) 4 x I2C 1 x SPI
Power Input	DC	9V ~ 24V
OS	Yocto Linux / Android	



- Application:
- Home/office security
- Automation
- Mobile devices
- Industrial IoT domains

