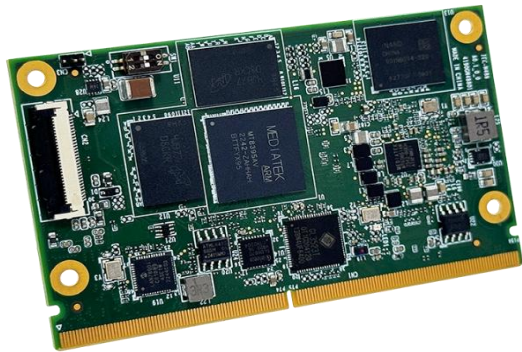


iEC-N488

Short-sized SMARC 2.1 Module with
MediaTek MT8395 Octa Cortex-A78/A55



Features

- Power by MediaTek MT8395 Soc
- Short-sized SMARC (82 x 50 mm) with MXM3 connector
- 8 GB LPDDR4, 32 GB eMMC
- Double display: HDMI, LVDS
- Industrial operating temperature: -40 ~ 85°C

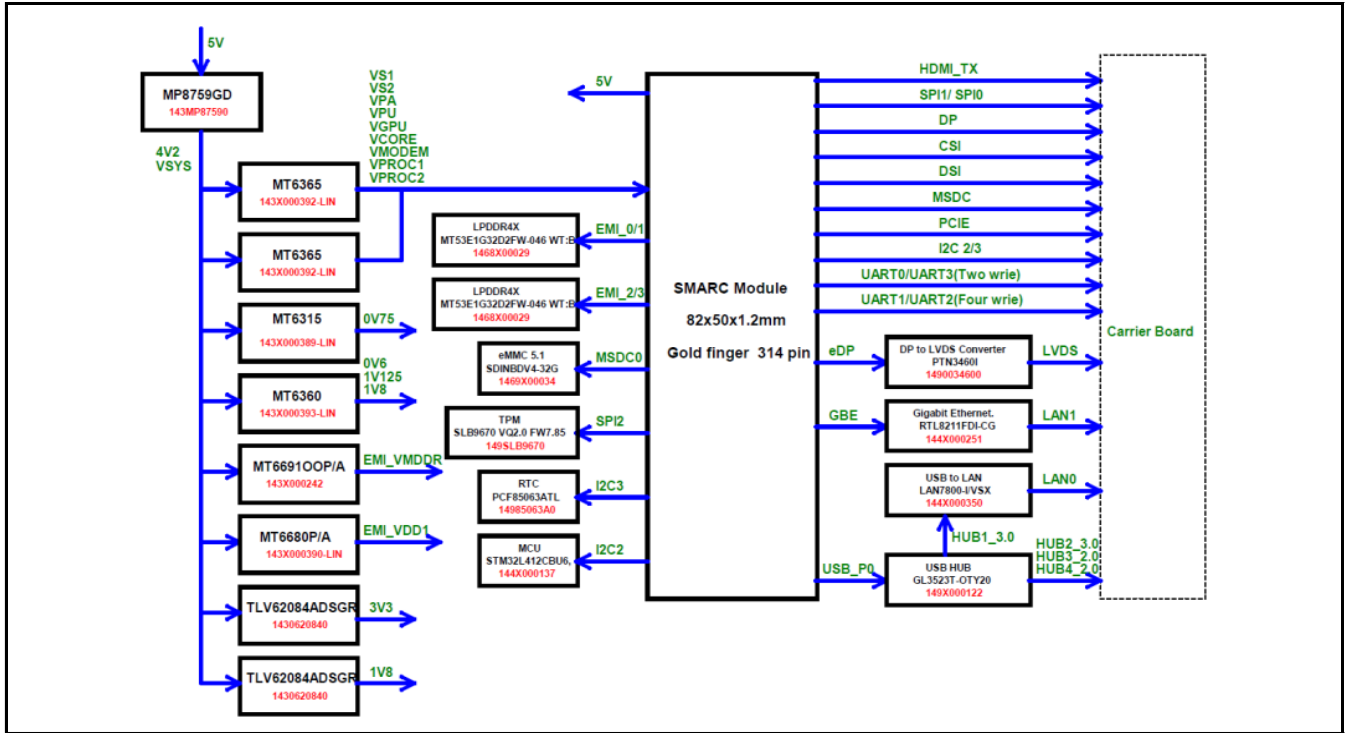
Specifications

System	
CPU/MCU	MT8395 Octa-core CPU: 4 x A78 @2.2GHz + 4 x a55 @2.0GHz
Memory	8 GB LPDDR4
Storage	32 GB eMMC
Real time clock	Yes
Indicators	--
Cellular	--
Wireless LAN	--
Operating System	--
Support Protocol	--
Power Supply	
Power Requirement	5 VDC
Power Consumption	--
MTBF (Hours)	--
Environmental and Mechanical	
Dimension	82 x 50 mm (3.22" x 1.96")
Weight	0.02 kg
Mouting/Installation	--
Operating Temperature	-40 ~ 85 °C (-40 ~ 185 °F)
Storage Temperature	-40 ~ 85 °C (-40 ~ 185 °F)
Operating Humidity	5% ~ 95% relative humidity, non-condensing
Certification	
Regulations	--
Carrier	--

Interface (Supply by carry board)	
Serial Port	2 x 2-Wire + 2 x 4-Wire
CAN Bus	--
Ethernet	2 x Ethernet 10/100/1000
USB	2 x USB 3.0 2 x USB 2.0
ADC	--
DI/DO	--
AI/AO	--
Display	1 x HDMI Out 1 x LVDS
Video Input	4 lane MIPI-CSI2
Power Connector	--
Debug Port	--
Expansion Slot	--
Other Interface	--

Block Diagram

Unit: mm / inch



Ordering Information

Part Number

2IEC-N488-01

SOM, MediaTek MT8395, 8G RAM, 32GB eMMC