

iEC-N321

NXP i.MX 93, SMARC System-on-Module



Product Feature:

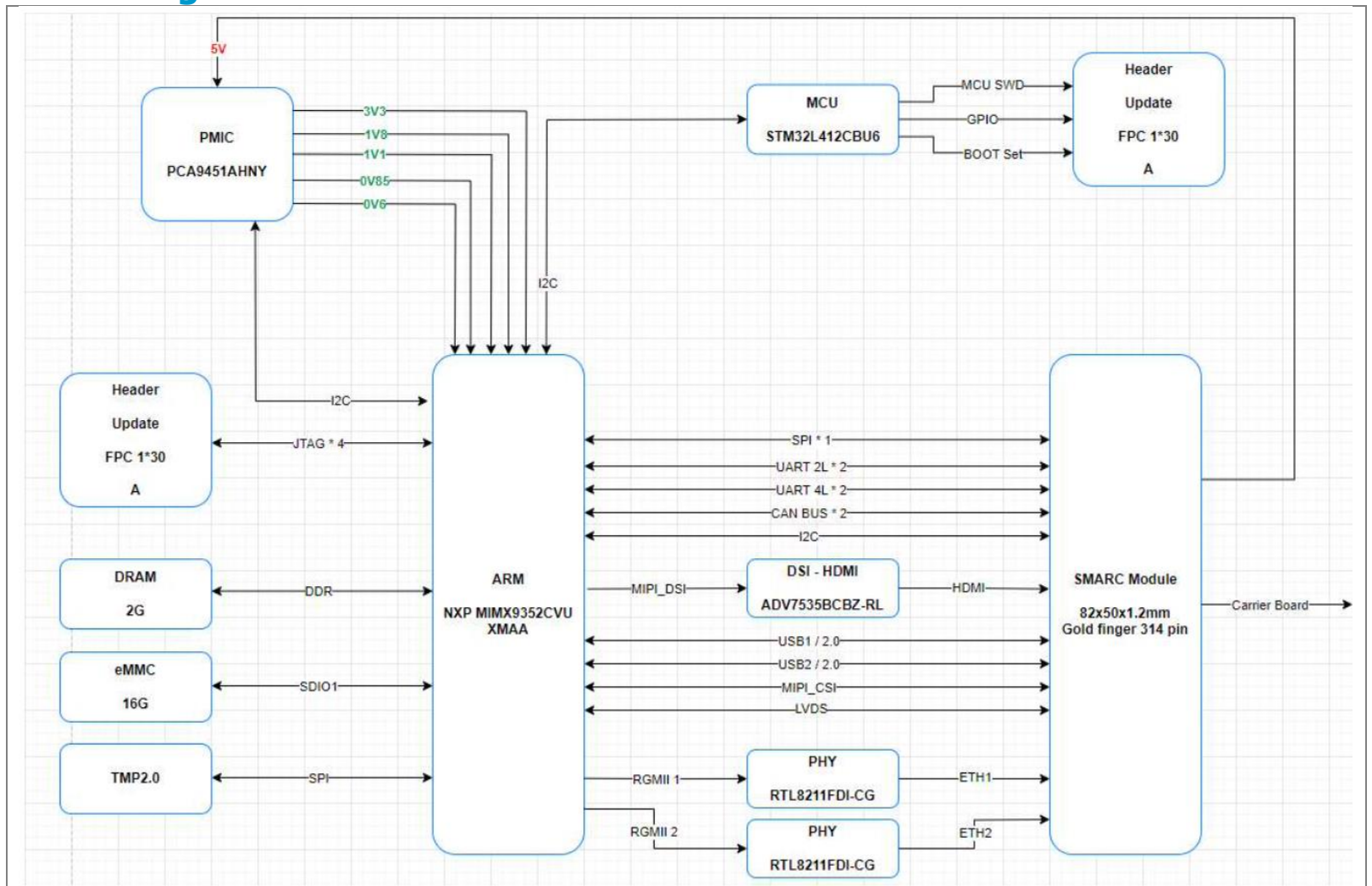
- NXP i.MX 93 Dual Cortex-A55
- Short-sized SMARC (82 x 50mm) with MXM3 connector
- 2GB LPDDR4, 16GB eMMC
- Double display: HDMI 1.4a, LVDS
- Industrial operating temperature: -40°C ~ 85°C

Specifications

System	
CPU/MCU	NXP i.MX 93, dual Cortex-A55 @1.7 GHz Processor
Memory	2GB LPDDR4
Storage	16GB eMMC
Real time clock	--
Indicators	--
Cellular	--
Wireless LAN	--
Operating System	--
Support Protocol	--
Power Supply	
Power Requirement	5V
Power Consumption	--
MTBF (Hours)	--
Environmental and Mechanical	
Dimension	3.22" x1.96" (82 x 50 mm)
Weight	20 g
Mouting/Installation	--
Operating Temperature	-40 °F ~ 185 °F (-40 °C ~ 85 °C)
Storage Temperature	-40 °F ~ 185 °F (-40 °C ~ 85 °C)
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
Ethernet	2 x Ethernet 10/100/1000
USB	2 x USB2.0
ADC	--
DI/DO	--
AI/AO	--
CAN Bus	--
Display	1 x HDMI 1.4a 1080P@60 1 x 4 Lane LVDS
Power Connector	--
Debug Port	--
Expansion Slot	--
Other Interface	--

Block Diagram



Ordering Information

Part Number	Packing List
2IEC-N321-01 SOM, NXP i.MX 93, 1.7GHz, 2G RAM, 16GB eMMC	--