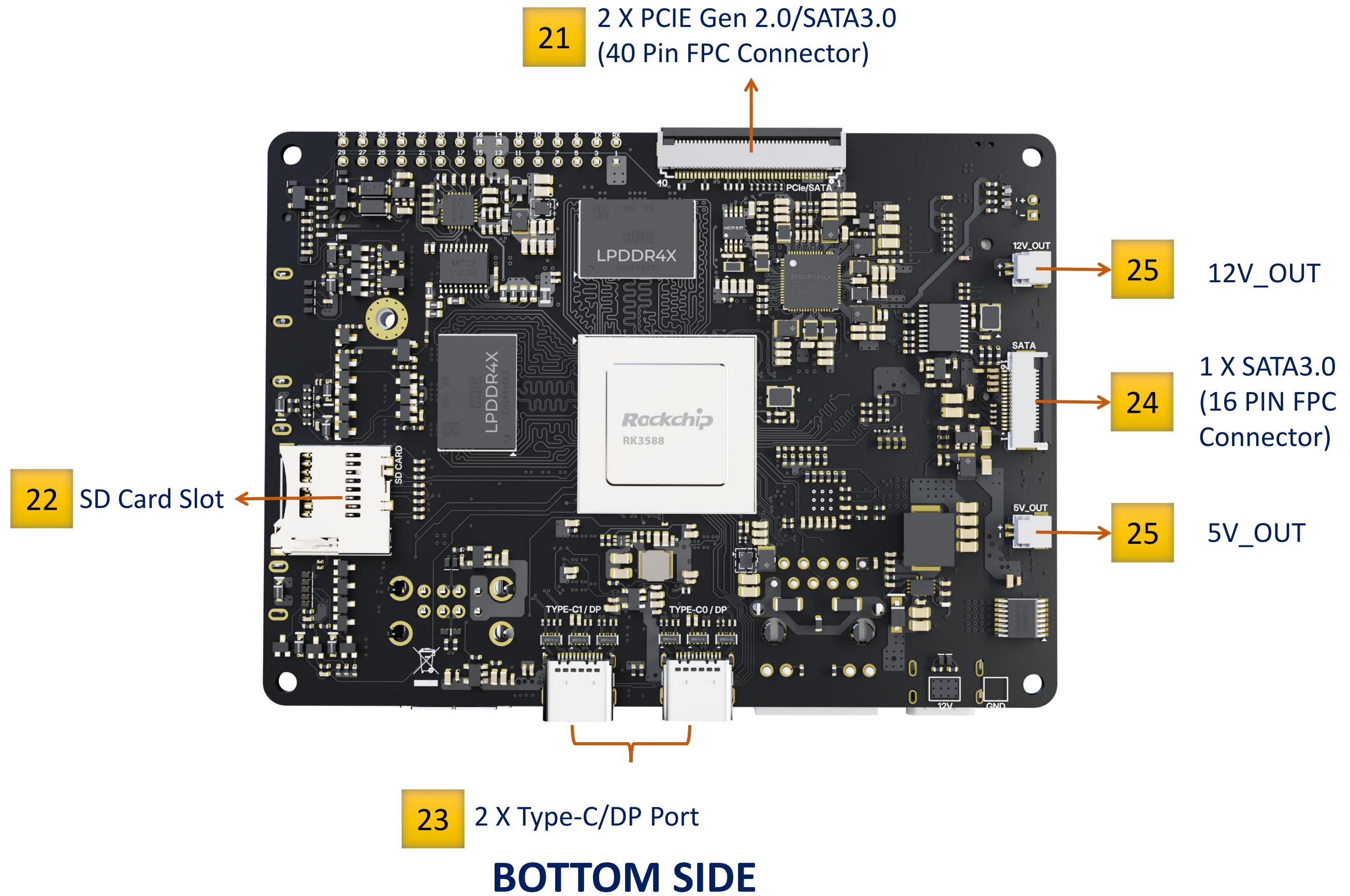
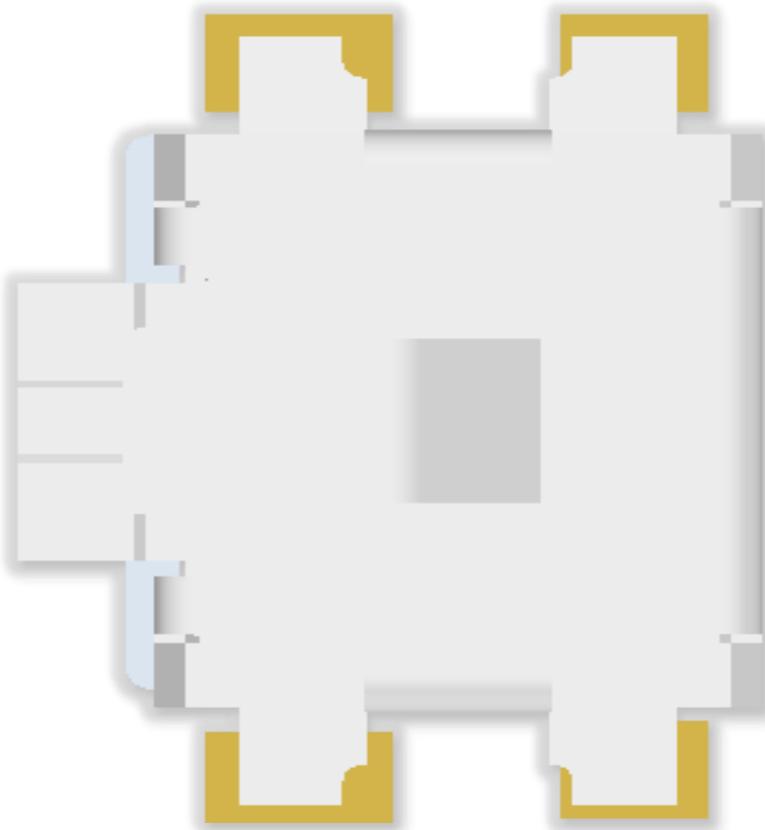


TOP SIDE

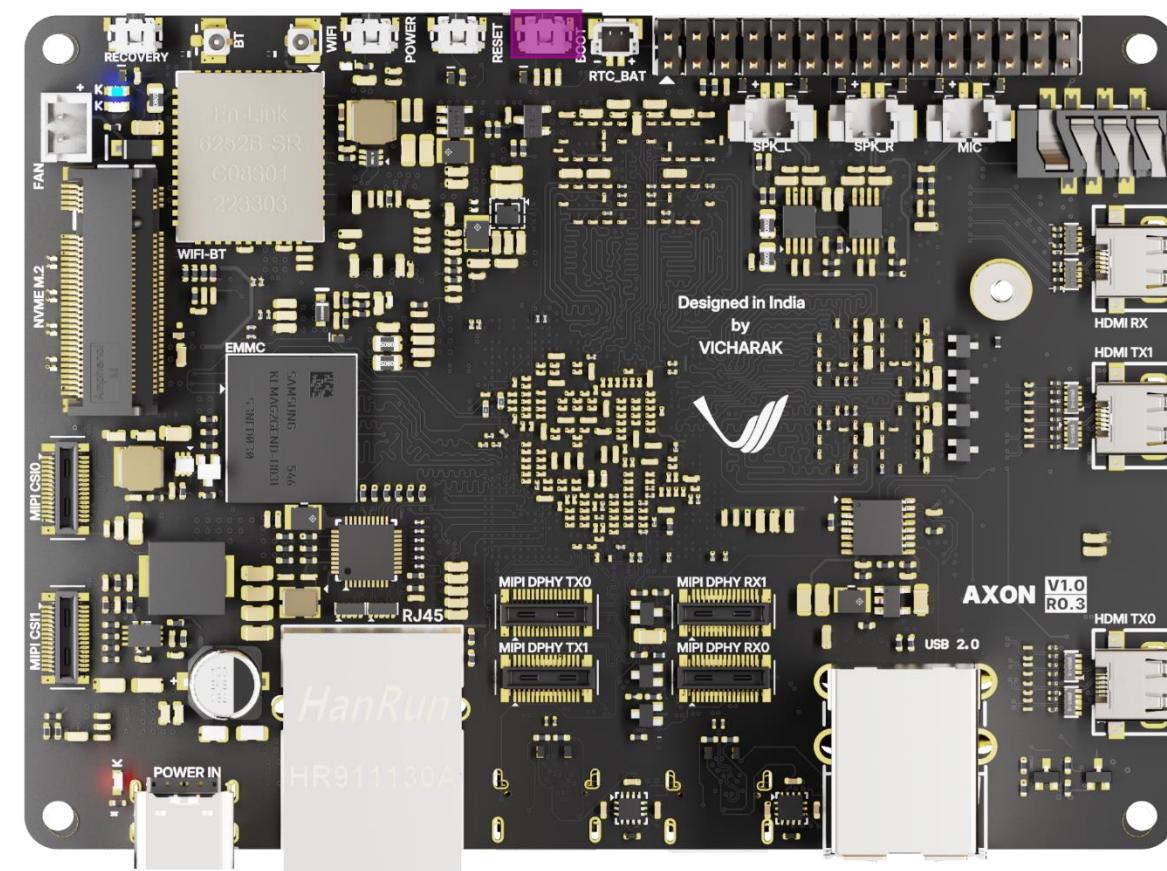


BOTTOM SIDE

01 Maskrom key

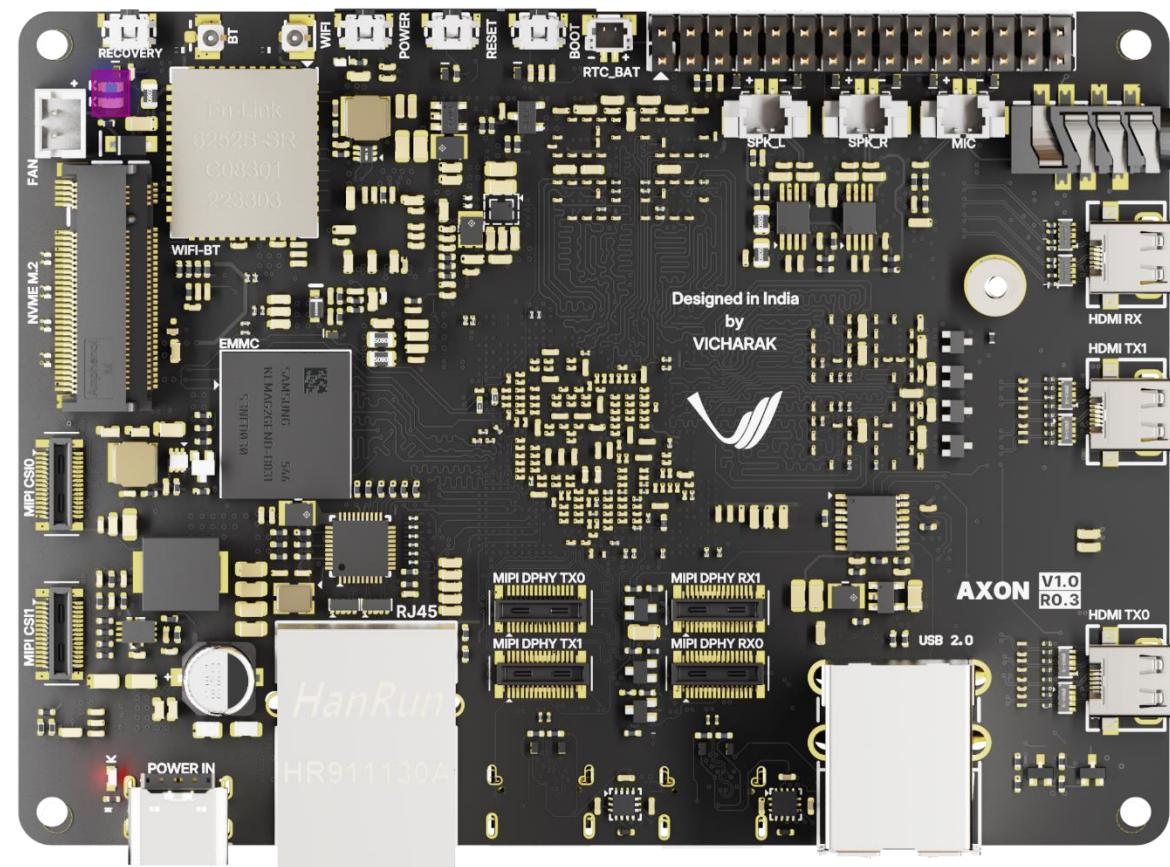


Maskrom Key





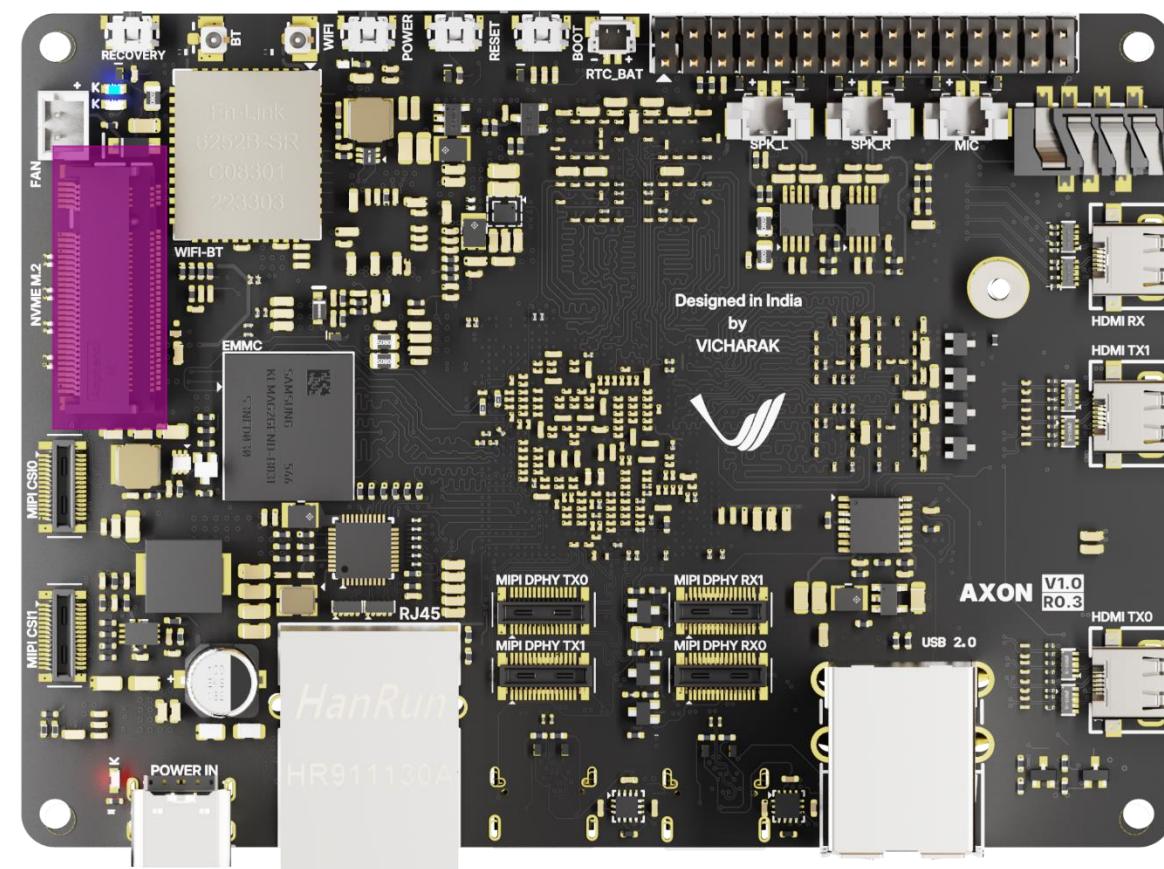
Status LED
USER LED

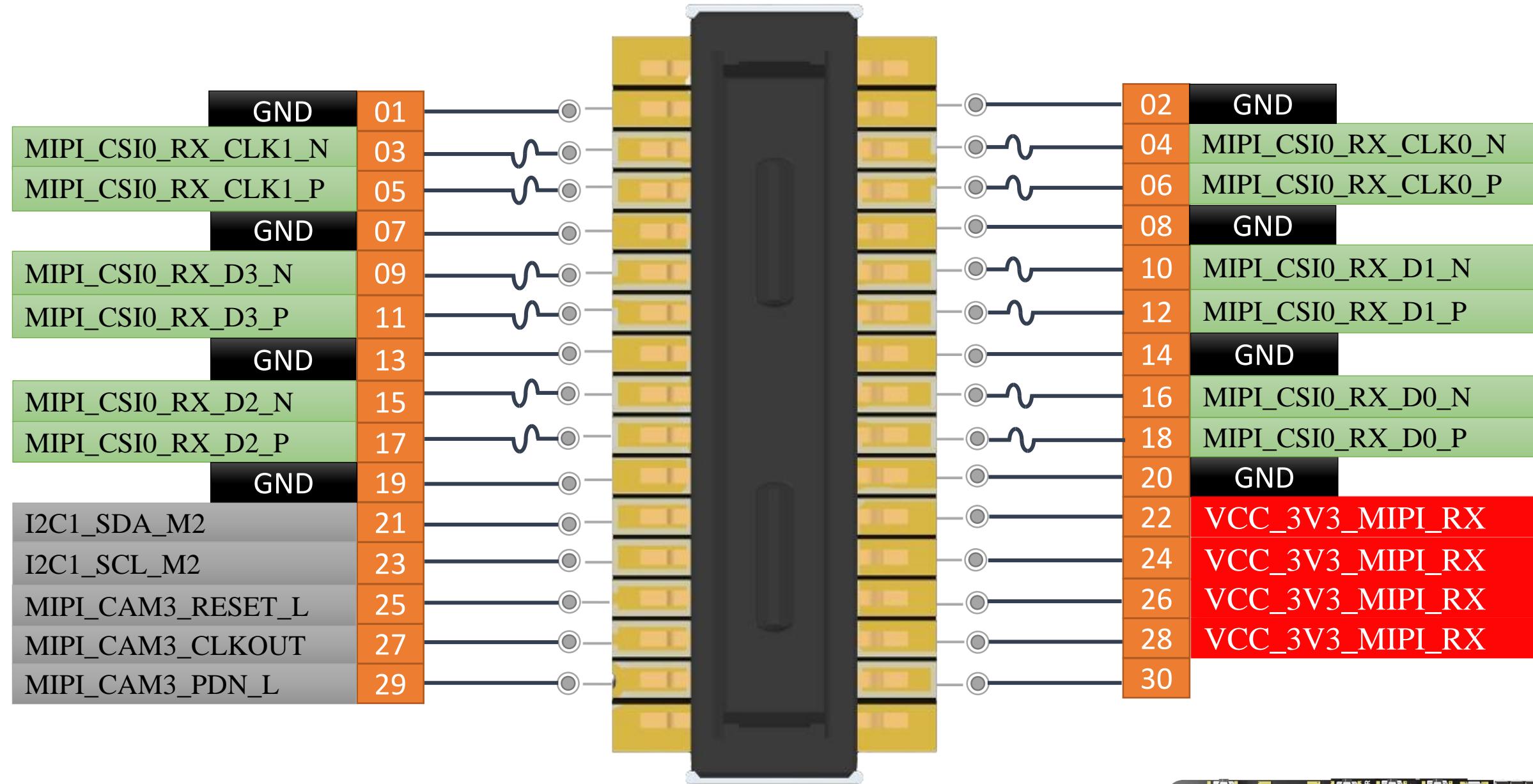


03 NVME M.2 M-key Connector



**NVME M.2 M-Key
PCIe Gen3**

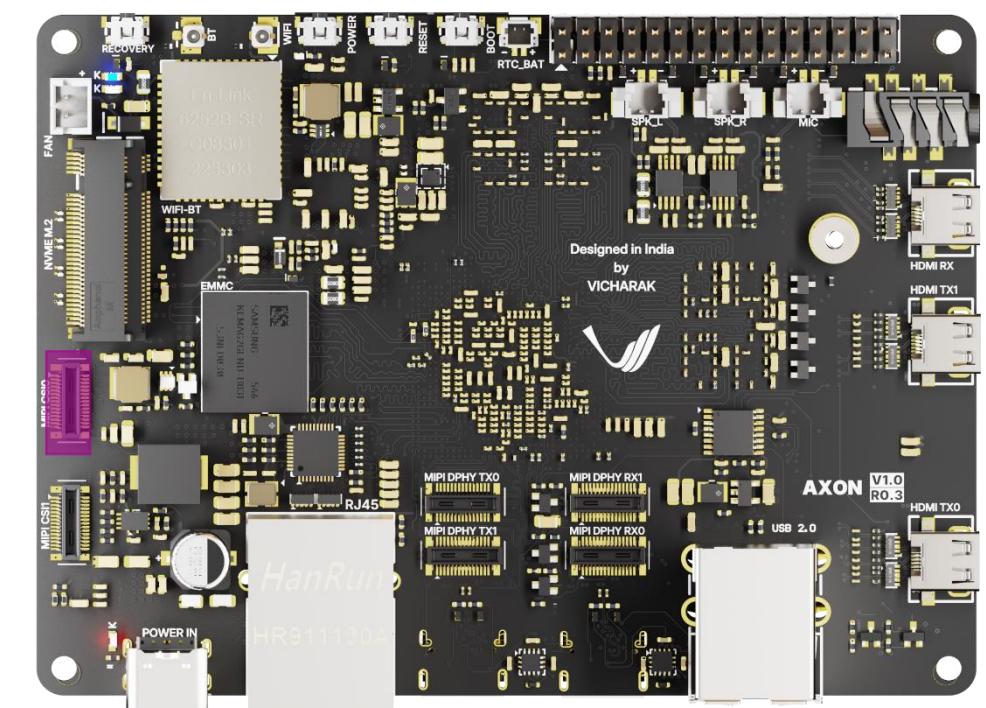




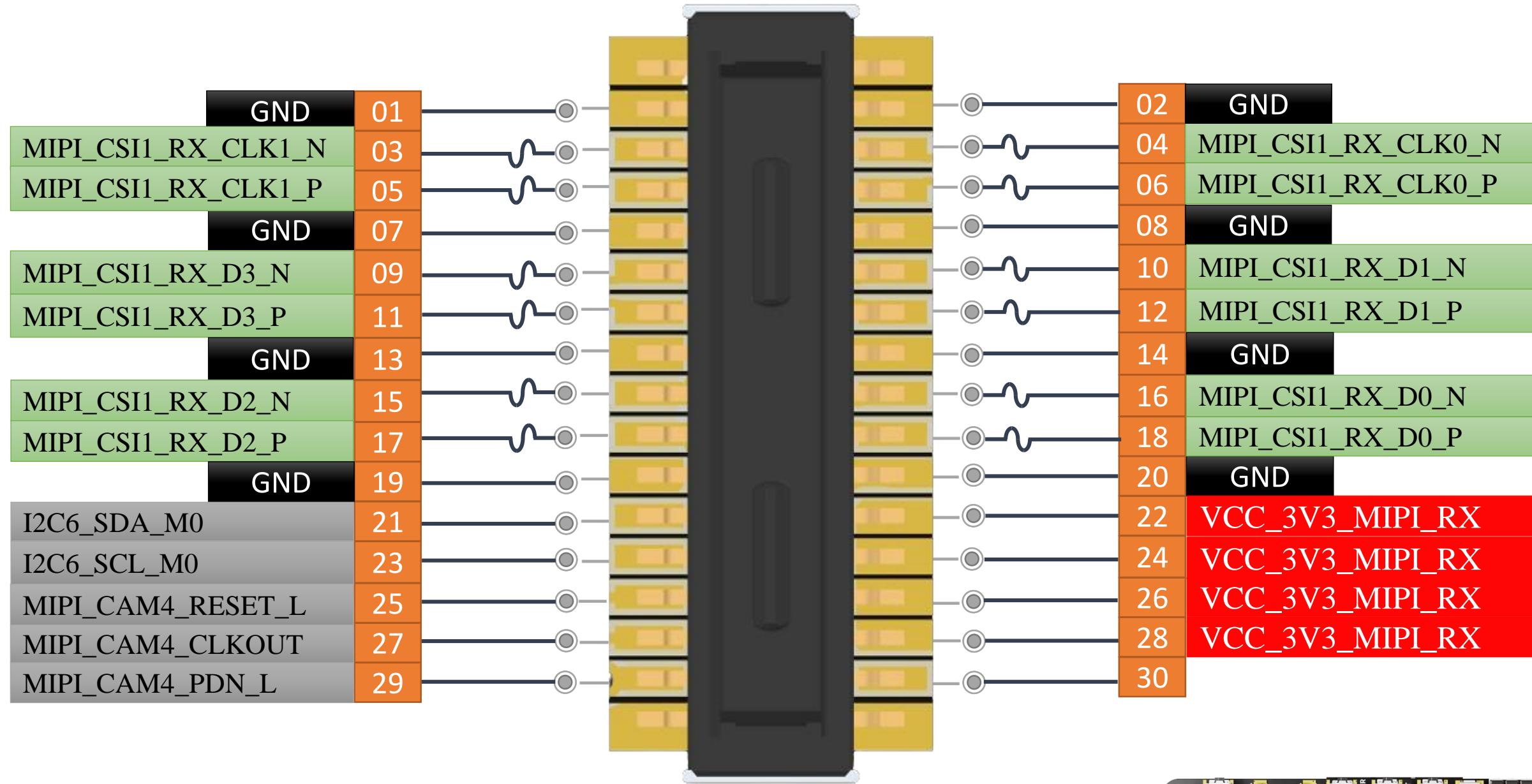
On-Board Connector
30 Pin
0.4mm Pitch
MPN : DF40HB(2.0)-30DS-0.4V(51)

MIPI CSI RX0

Mating Connector
30 Pin
0.4mm Pitch
MPN : DF40C-30DP-0.4V(51)



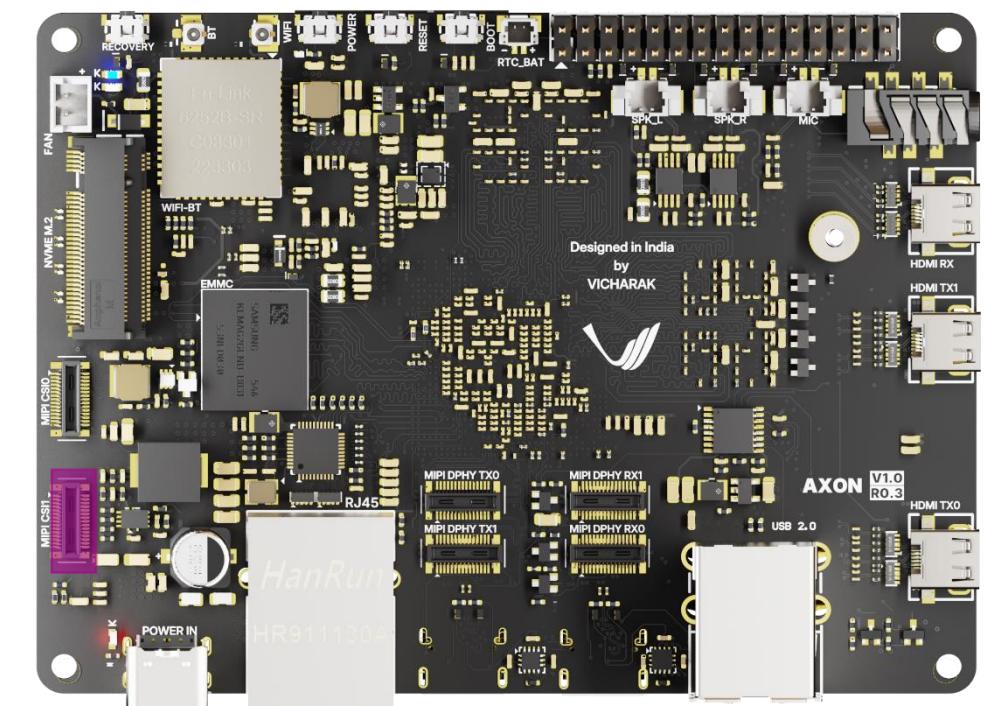
05 MIPI CSI RX PORT1

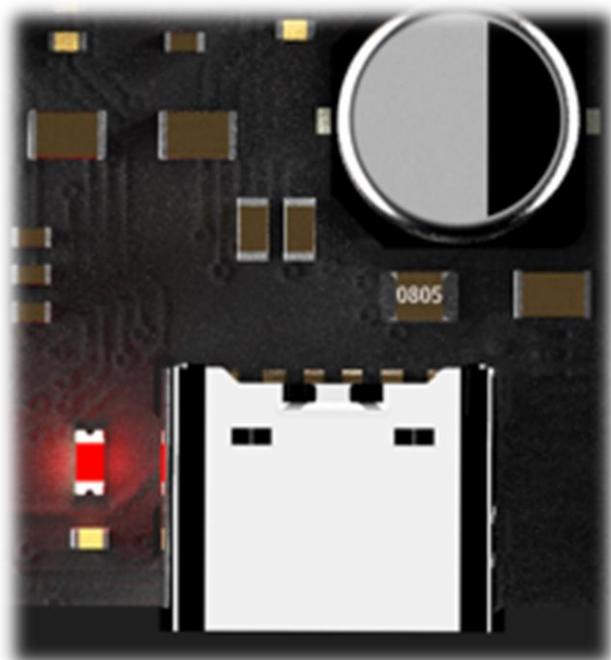


On-Board Connector
30 Pin
0.4mm Pitch
MPN : DF40HB(2.0)-30DS-0.4V(51)

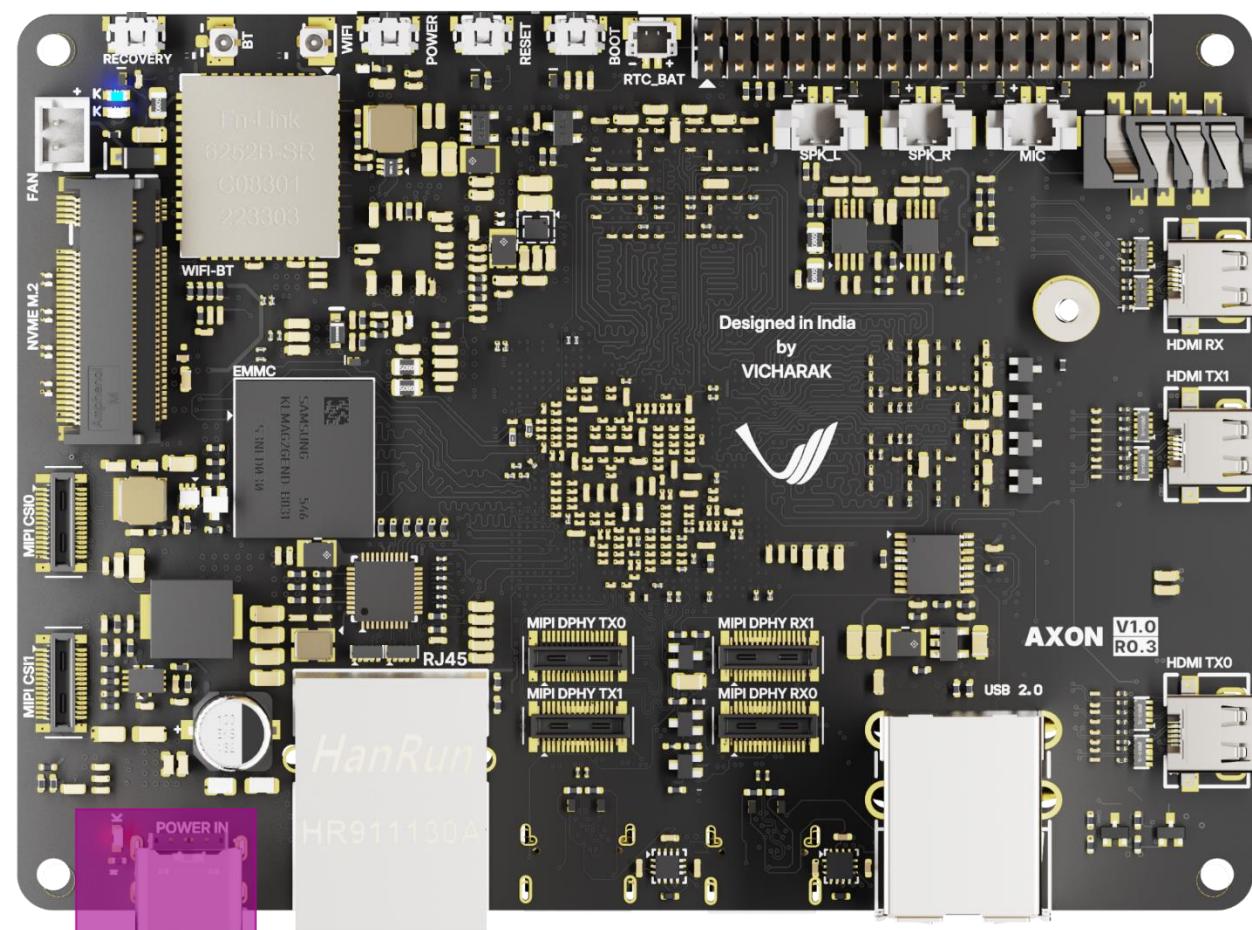
MIPI CSI RX1

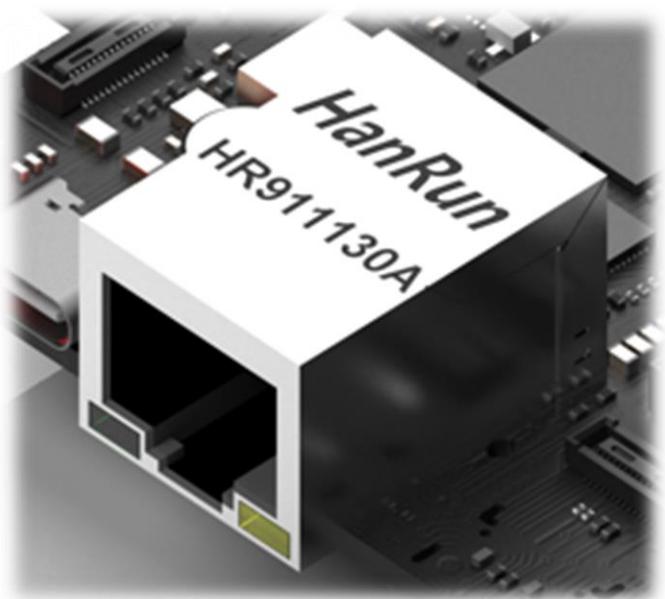
Mating Connector
30 Pin
0.4mm Pitch
MPN : DF40C-30DP-0.4V(51)



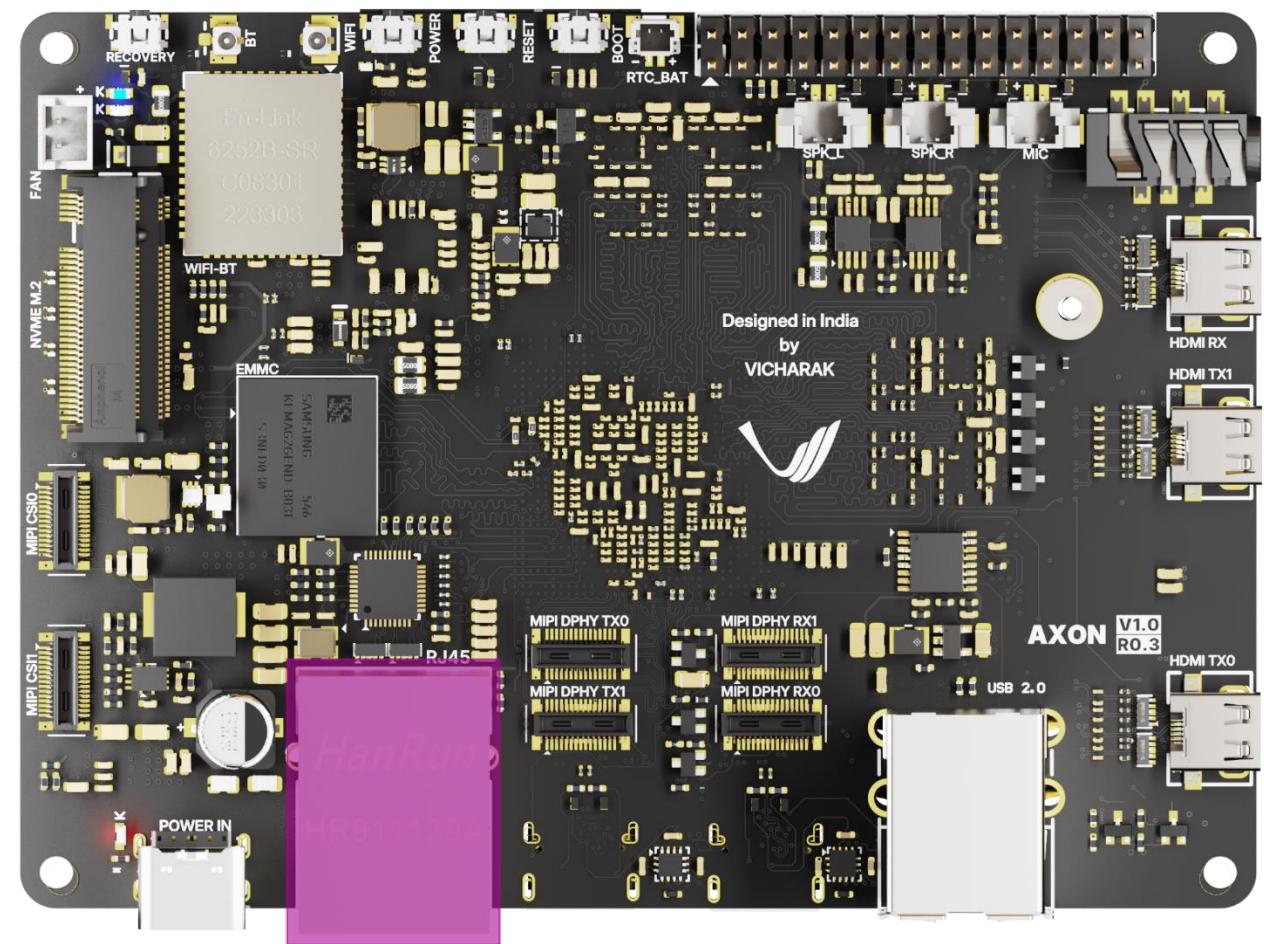


Type-C Power Input
(12VDC-5A)

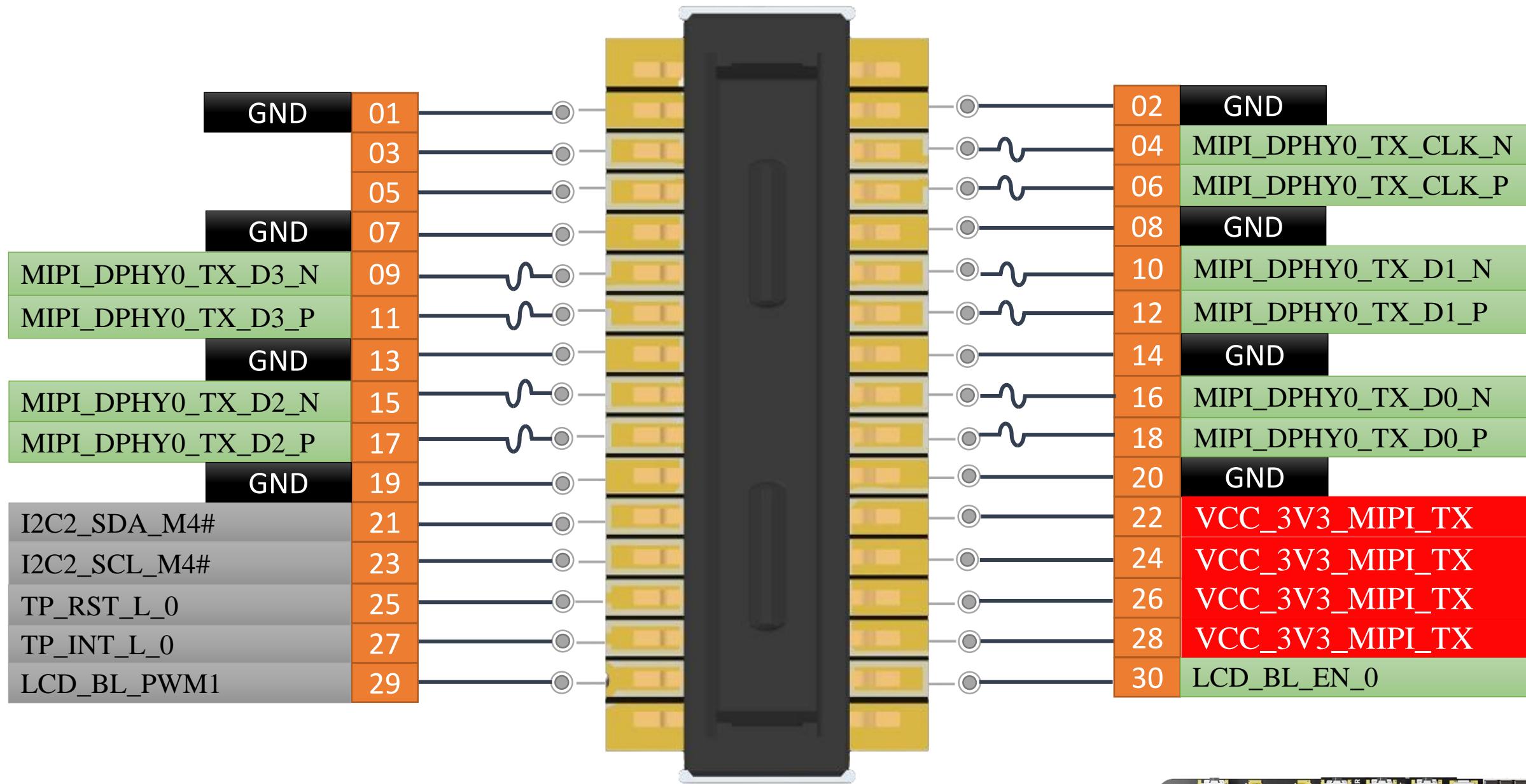




ETHERNET
(10/100/1000Mbps)



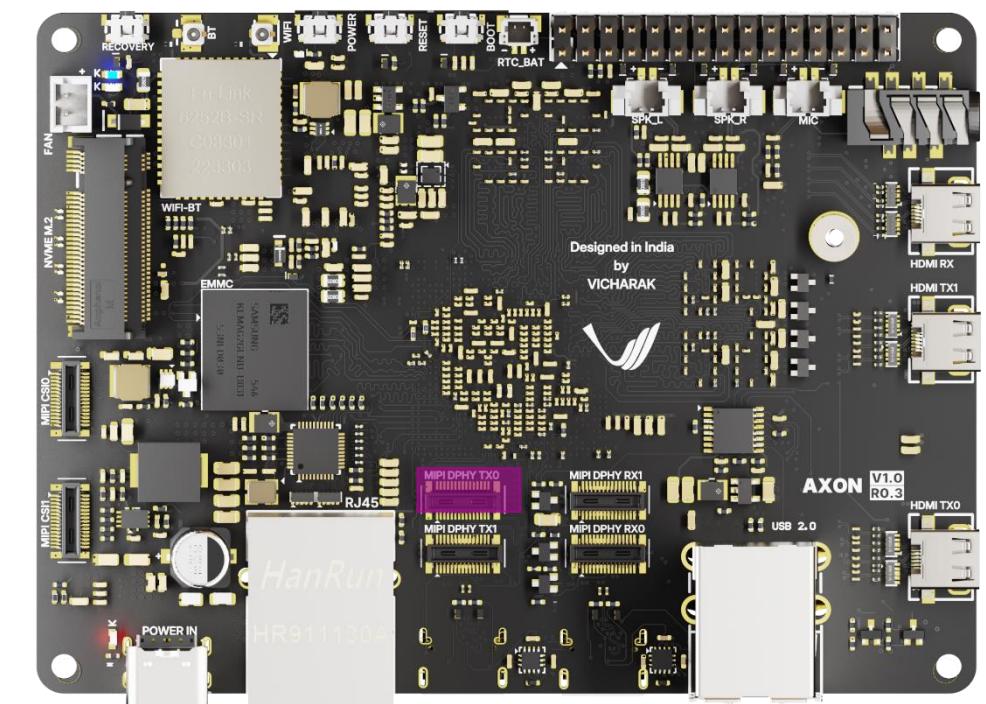
08 MIPI D-PHY TX PORT0



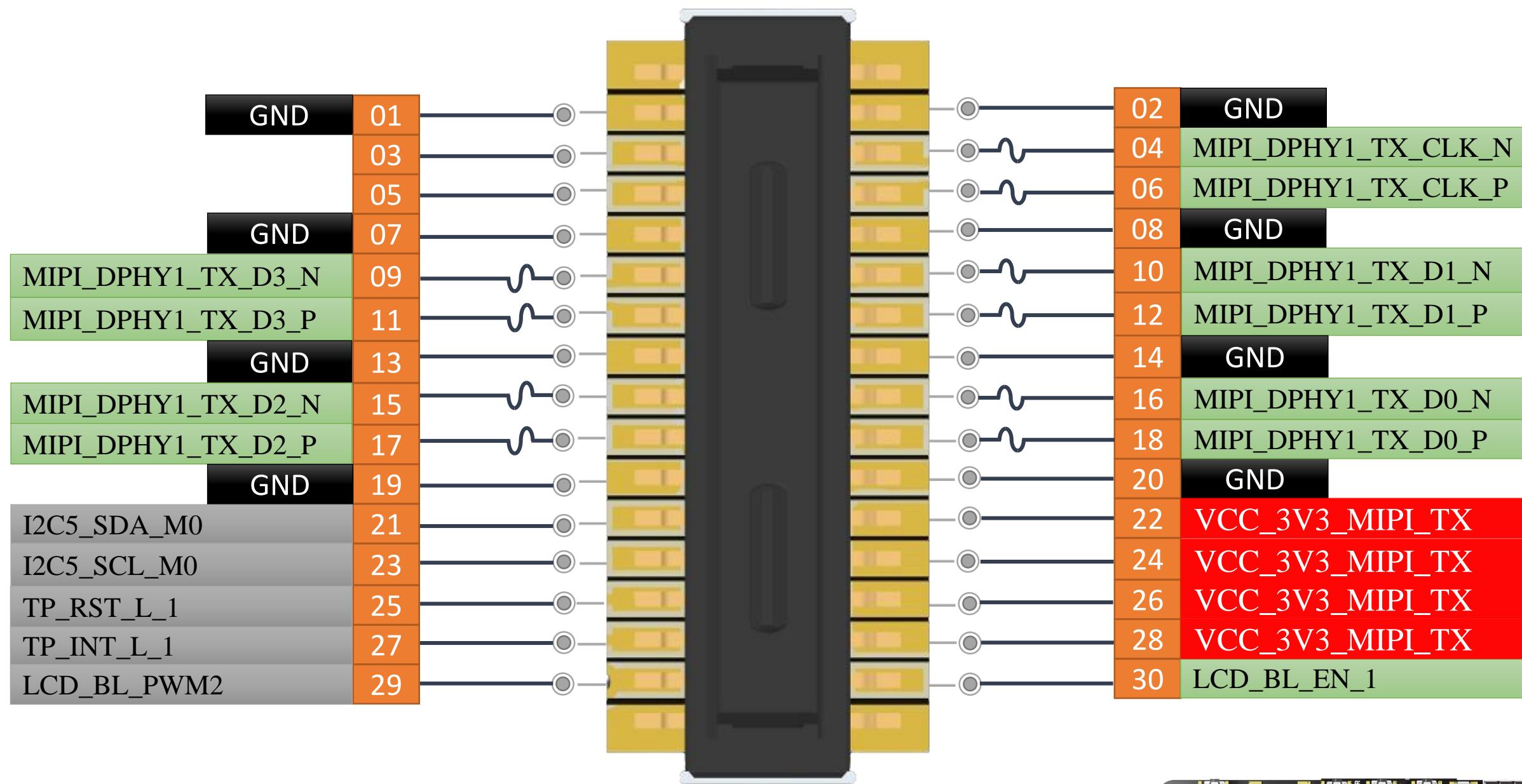
On-Board Connector
30 Pin
0.4mm Pitch
MPN : DF40HC(3.5)-30DS-0.4V(51)

Mating Connector
30 Pin
0.4mm Pitch
MPN : DF40C-30DP-0.4V(51)

MIPI D-PHY0 TX



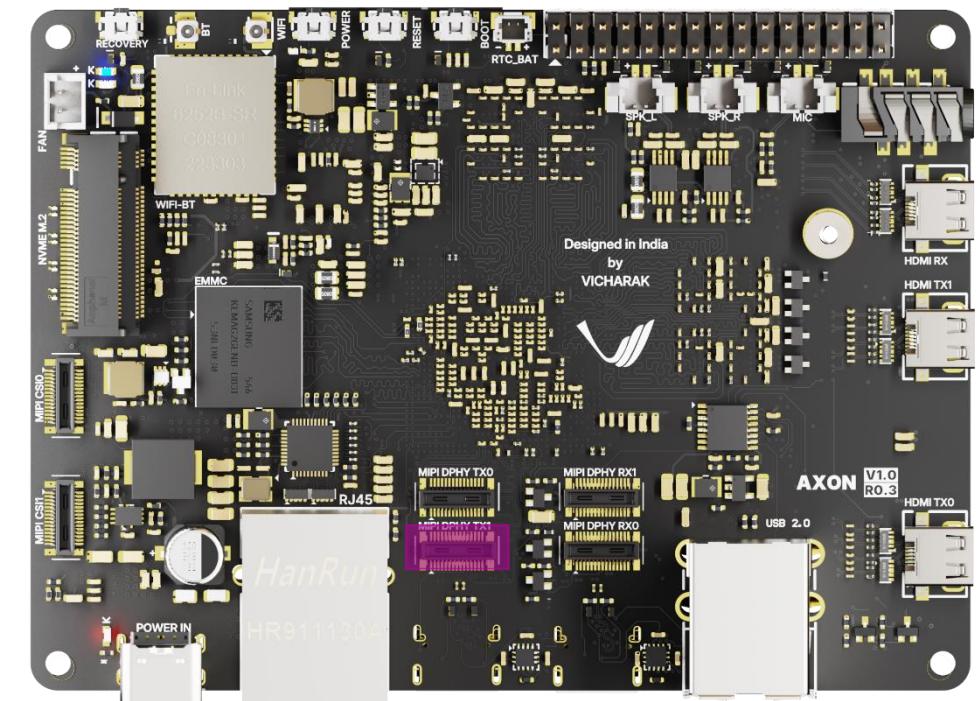
09 MIPI D-PHY TX PORT1



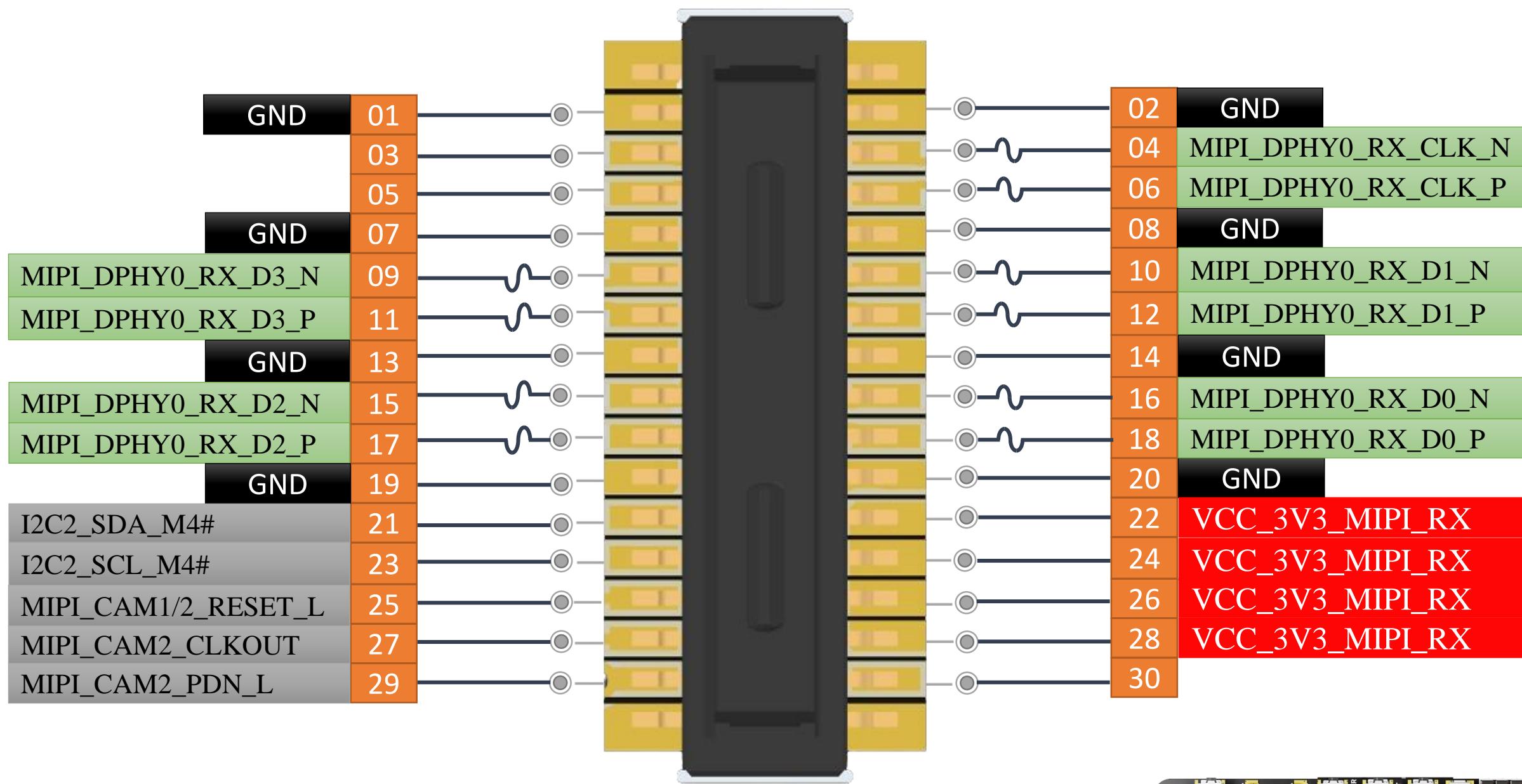
On-Board Connector
30 Pin
0.4mm Pitch
MPN : DF40HB(2.0)-30DS-0.4V(51)

MIPI D-PHY1 TX

Mating Connector
30 Pin
0.4mm Pitch
MPN : DF40C-30DP-0.4V(51)



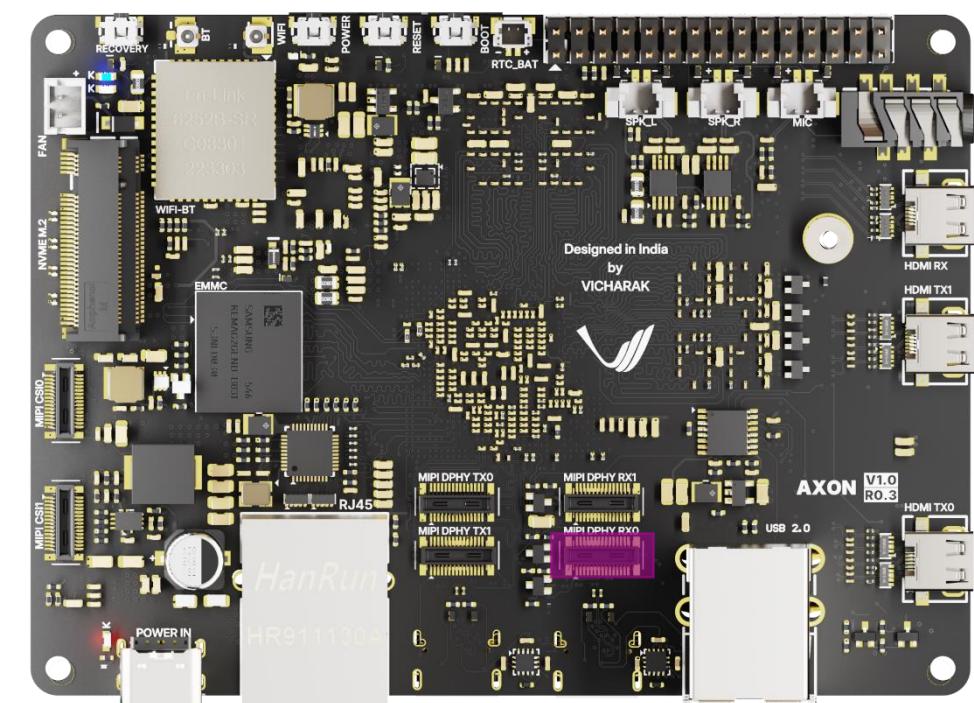
10 MIPI D-PHY RX PORT0



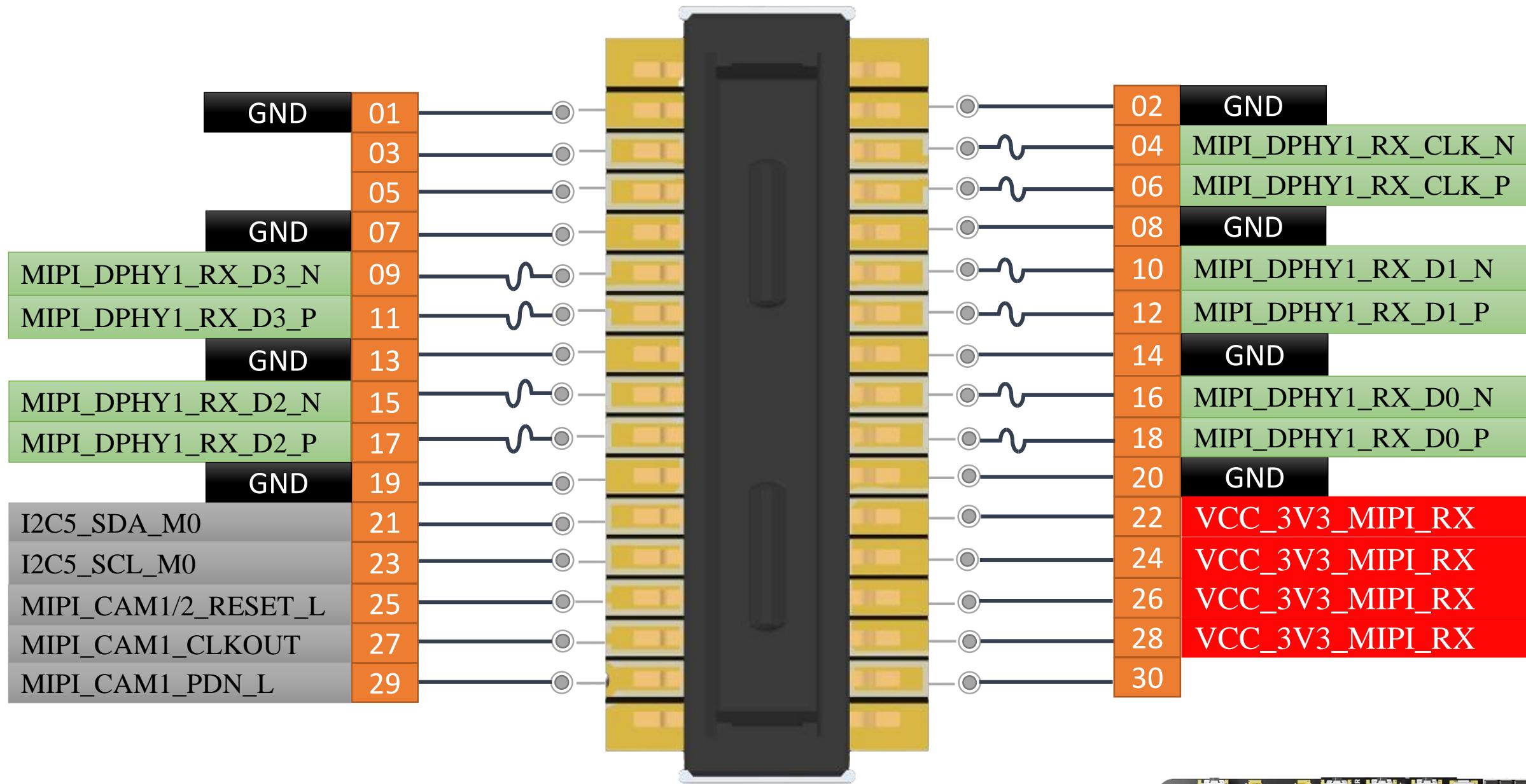
On-Board Connector
30 Pin
0.4mm Pitch
MPN : DF40HB(2.0)-30DS-0.4V(51)

MIPI D-PHY0 RX

Mating Connector
30 Pin
0.4mm Pitch
MPN : DF40C-30DP-0.4V(51)



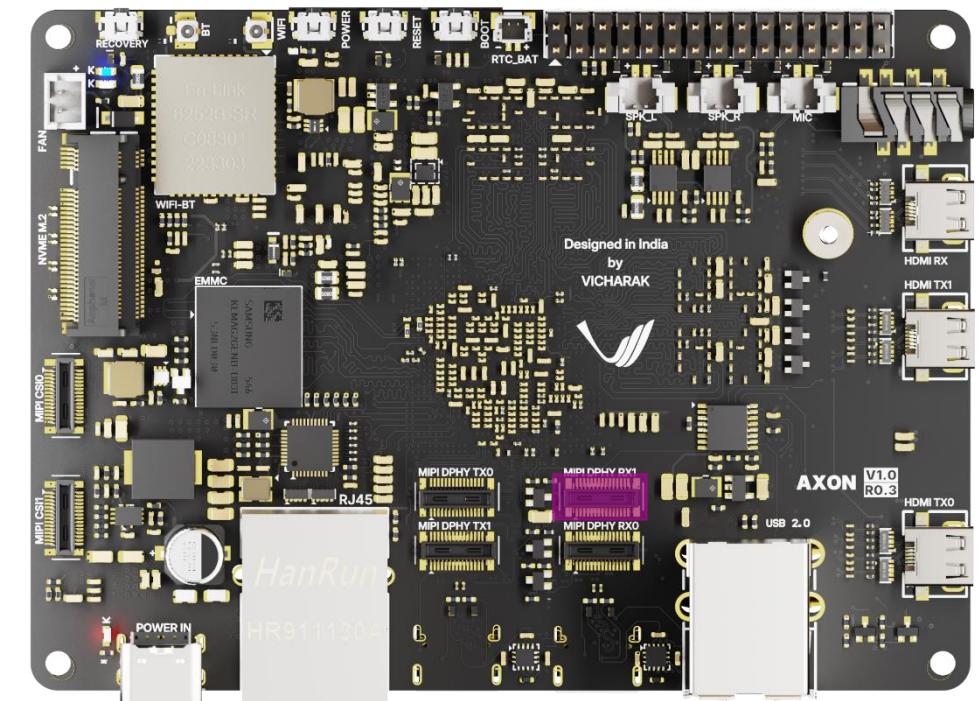
11 MIPI D-PHY RX PORT1



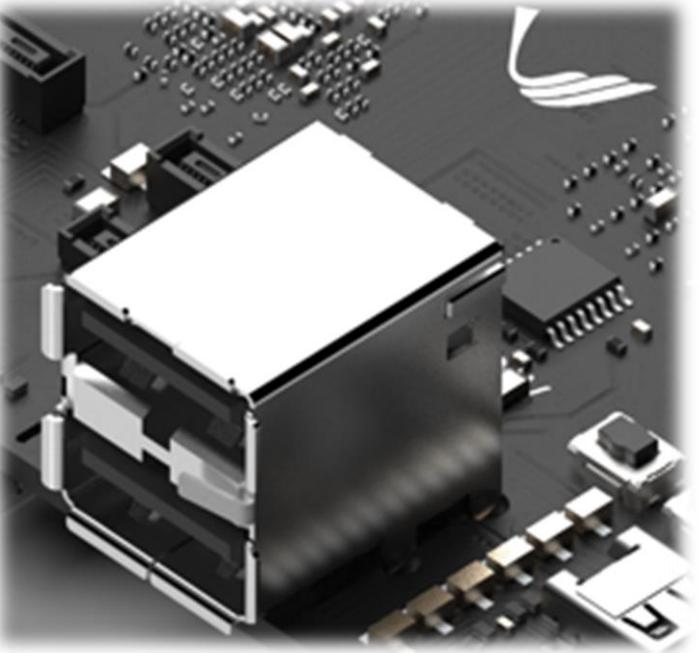
On-Board Connector
30 Pin
0.4mm Pitch
MPN : DF40HC(3.5)-30DS-0.4V(51)

MIPI D-PHY1 RX

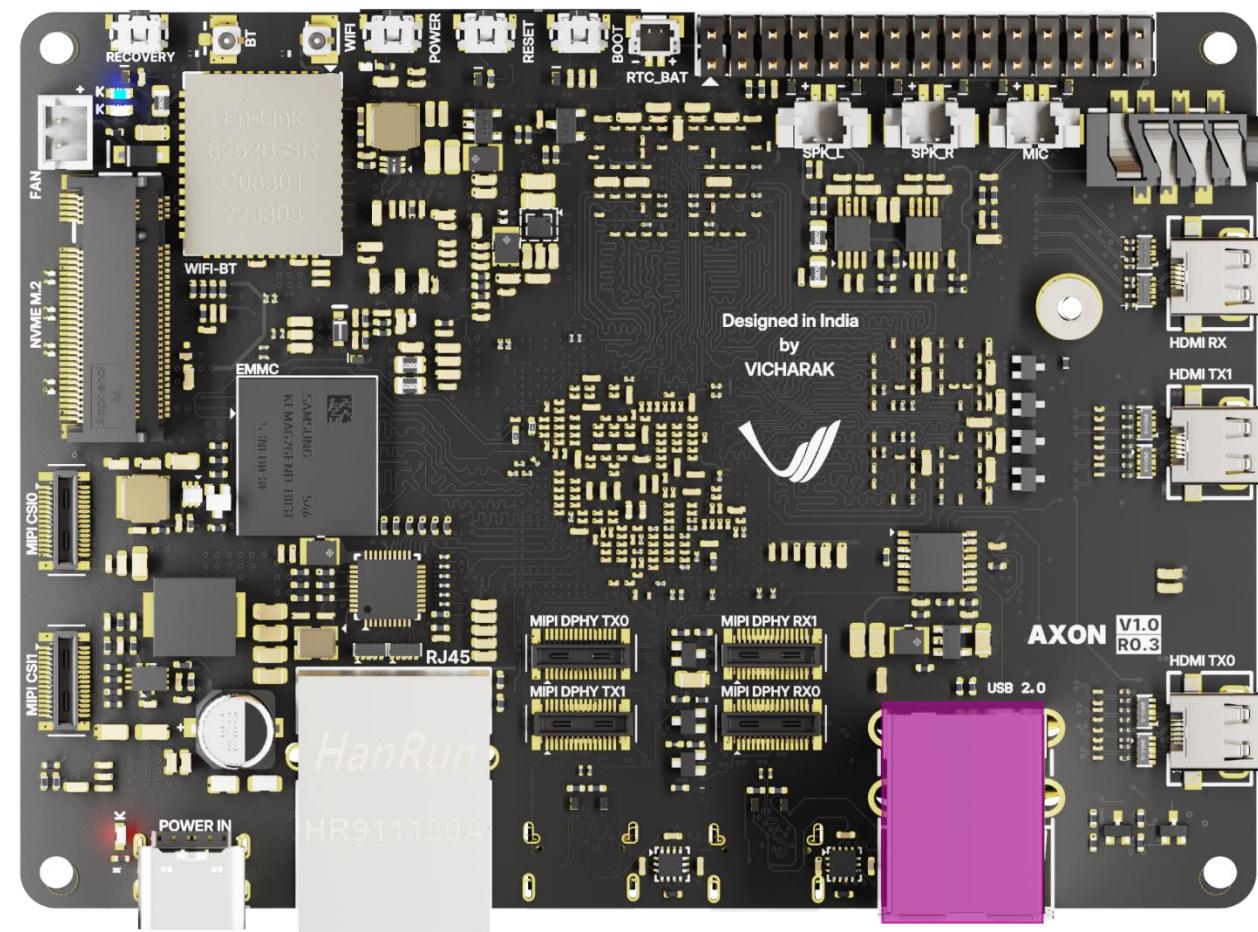
Mating Connector
30 Pin
0.4mm Pitch
MPN : DF40C-30DP-0.4V(51)

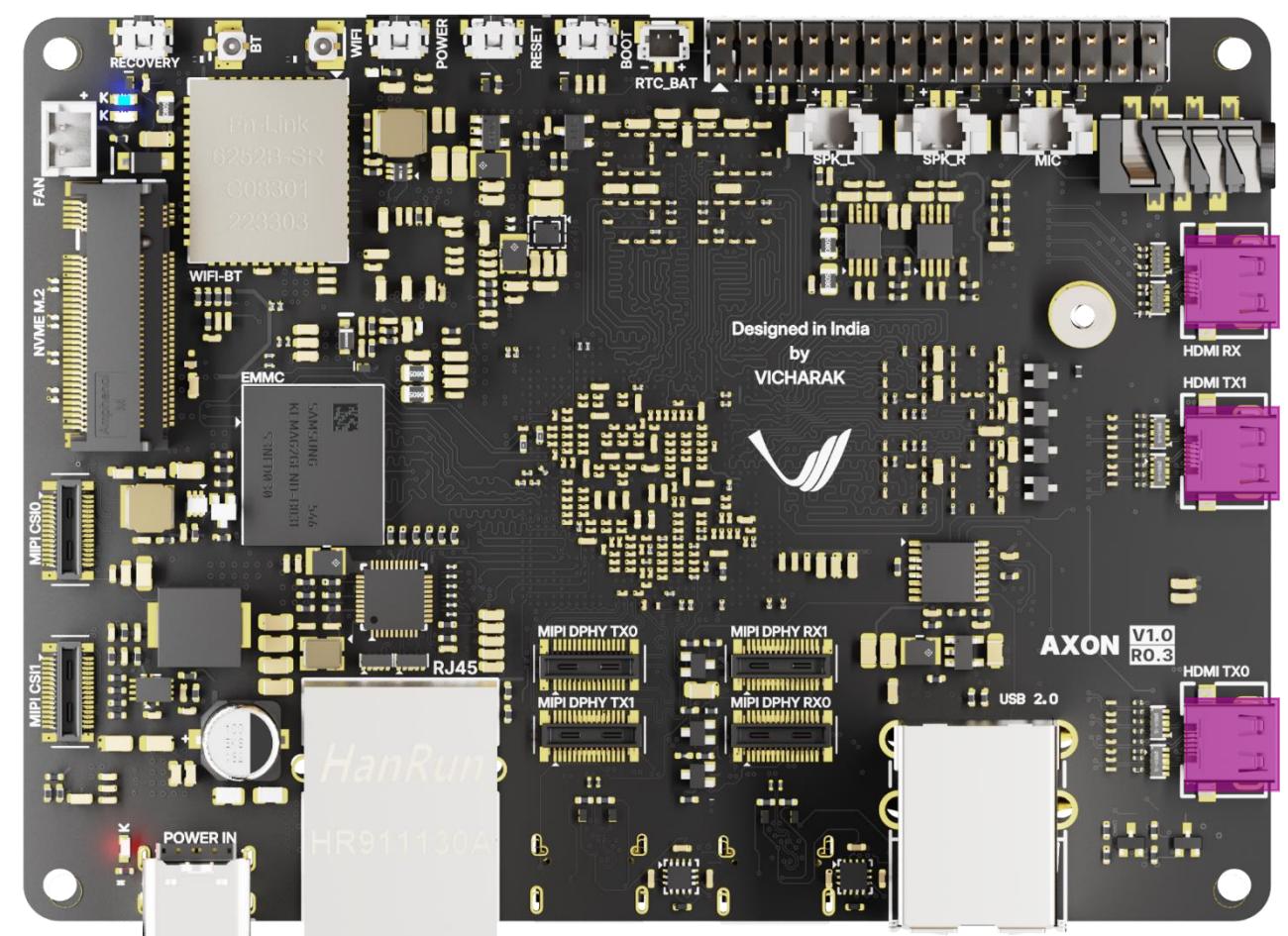
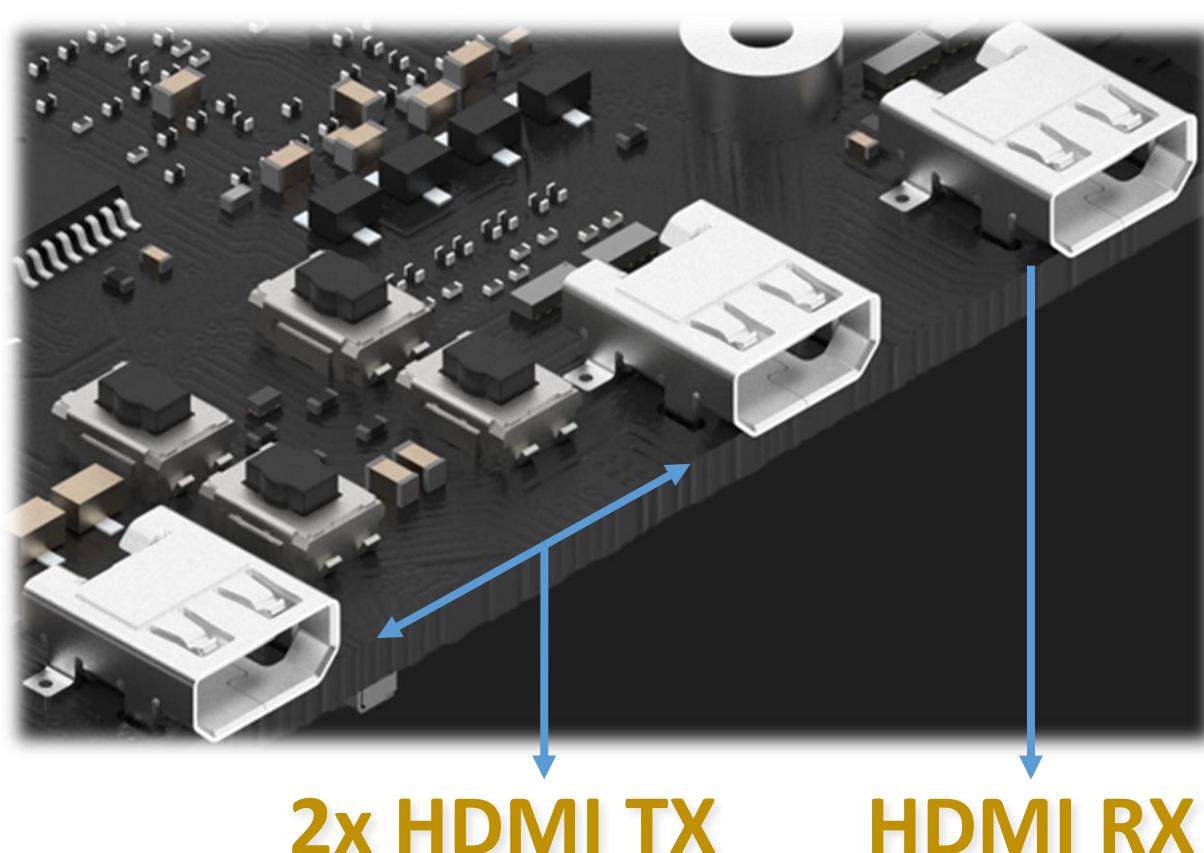


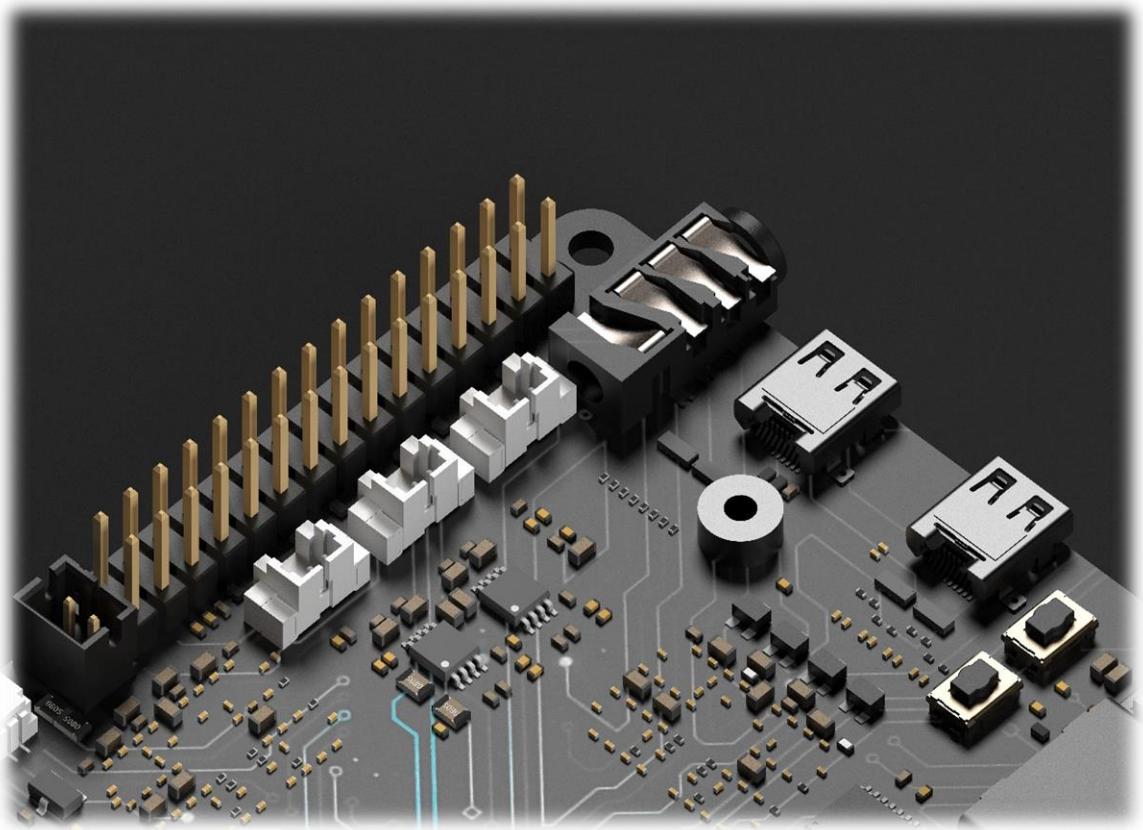
12 Dual USB2.0 HOST



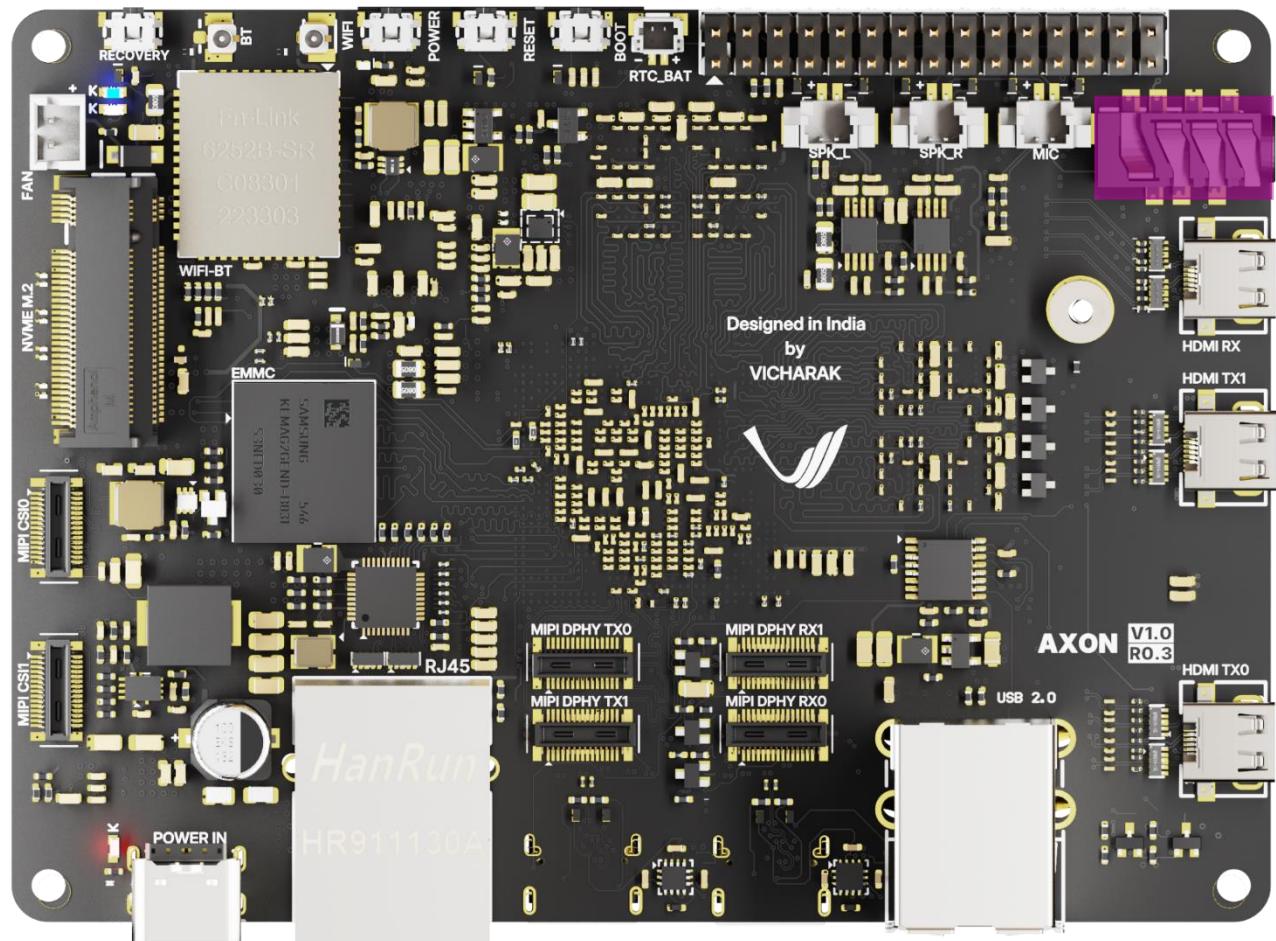
2x USB2.0 HOST



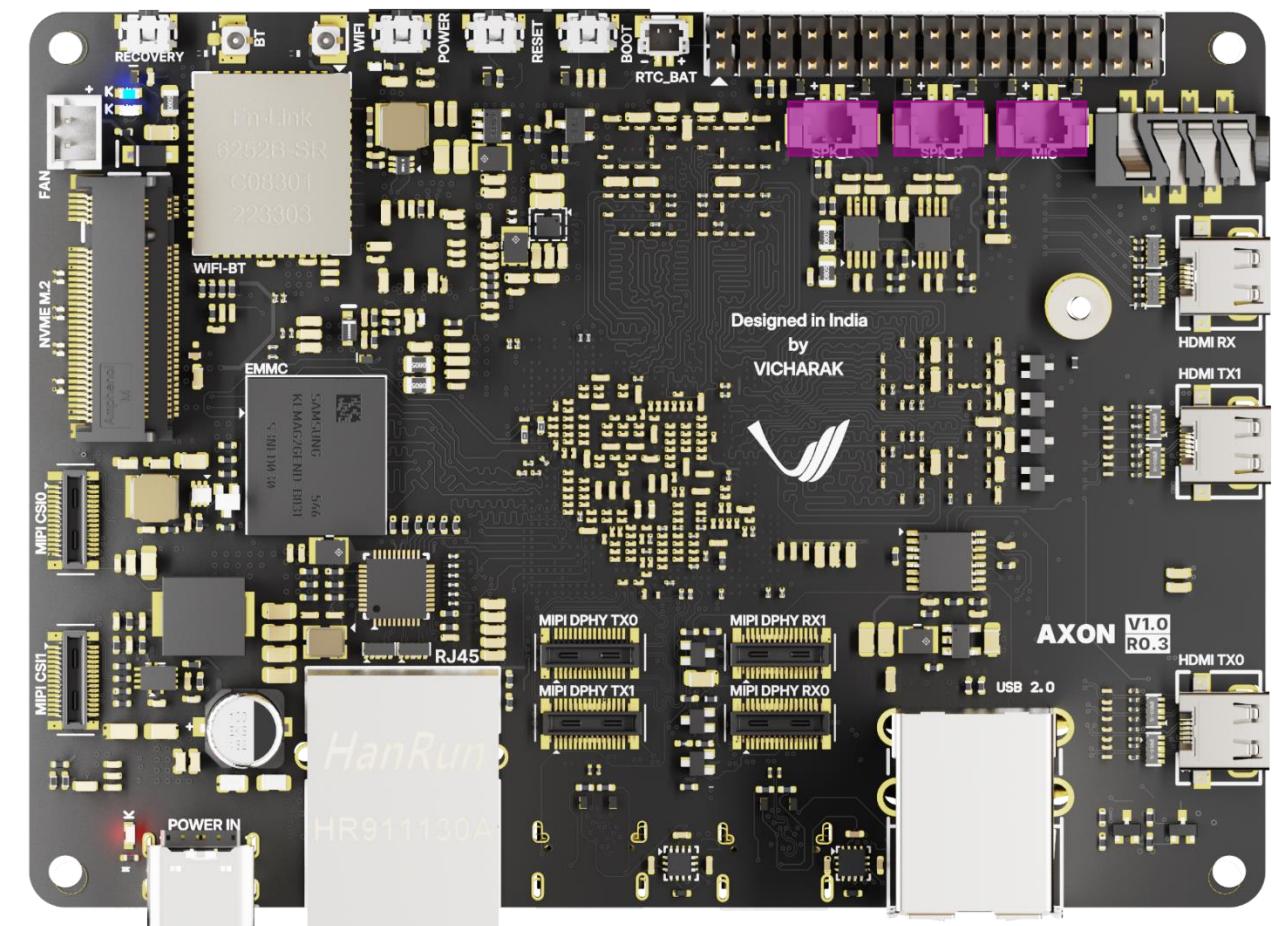
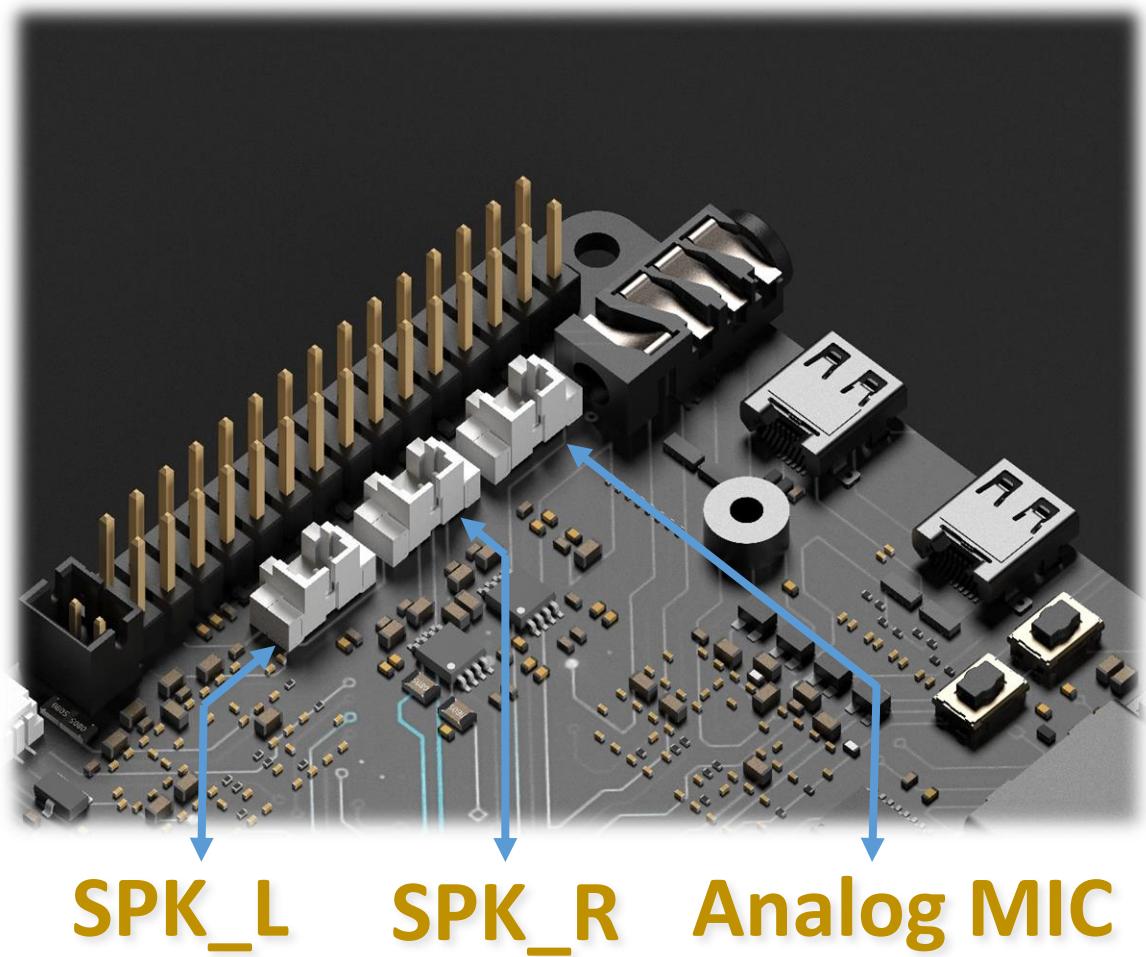


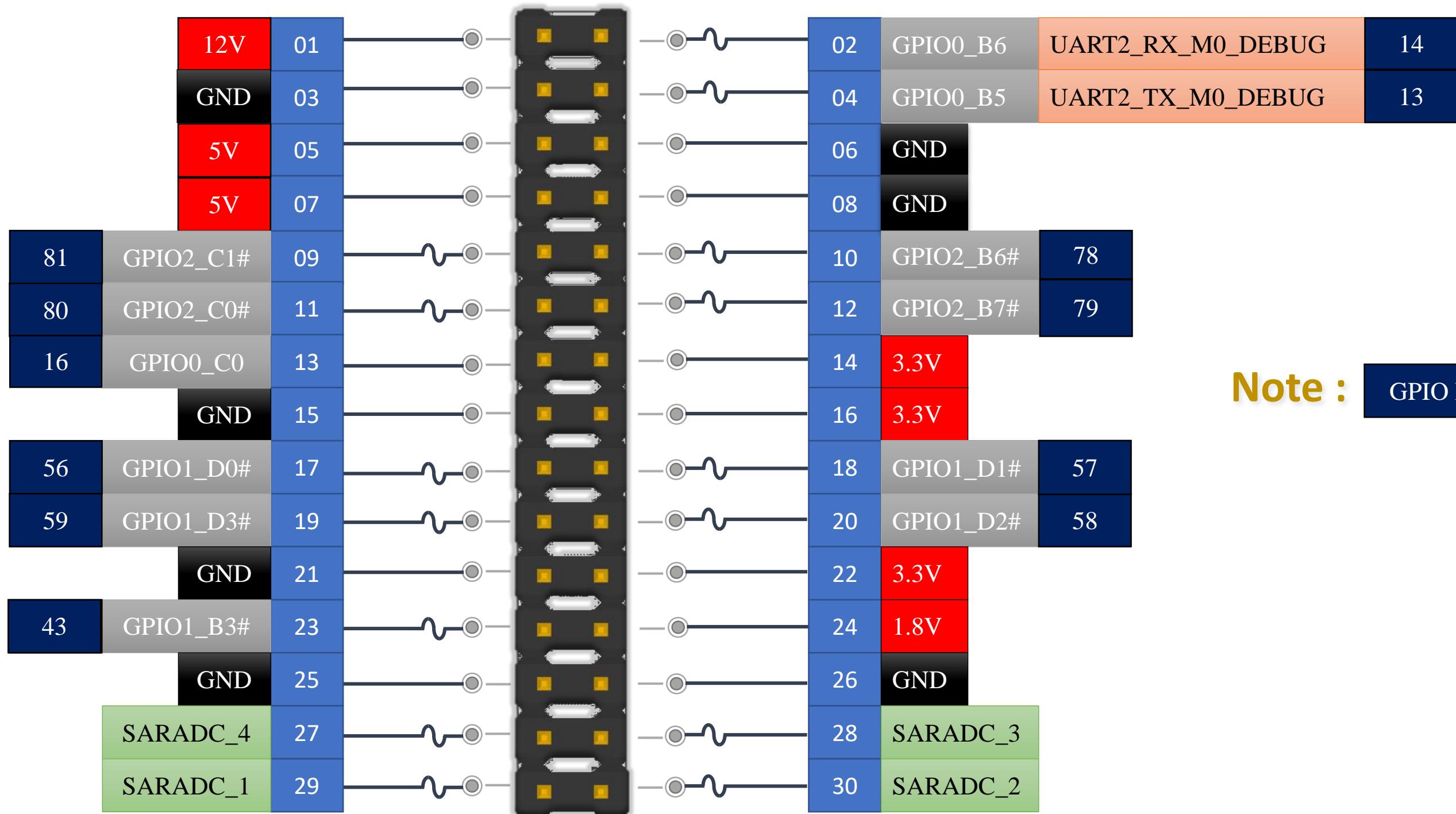


3.5mm Audio Jack with MIC

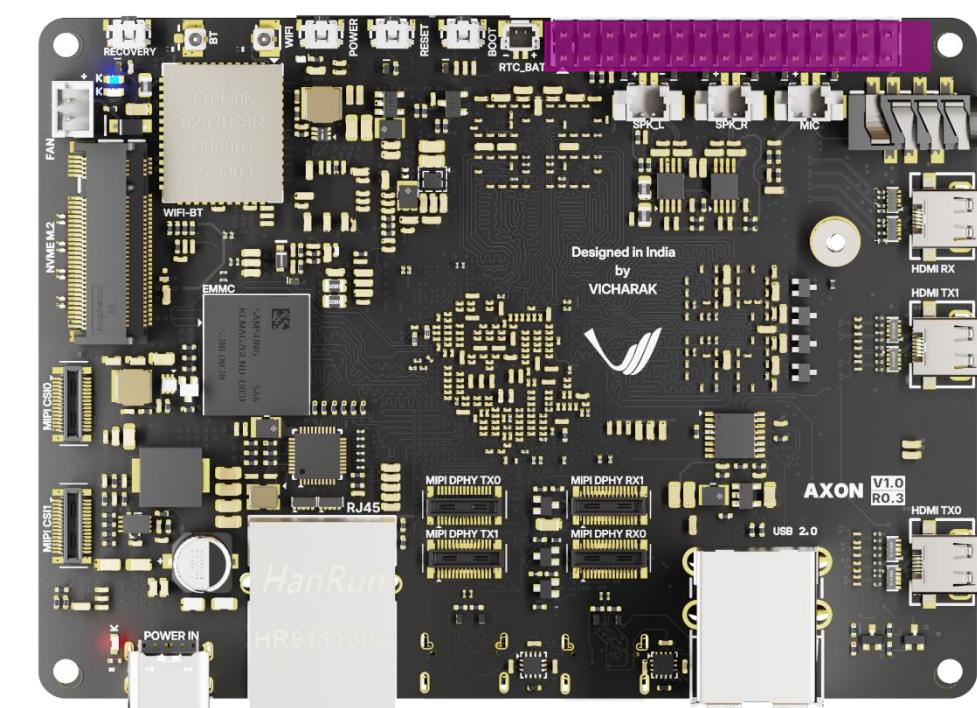


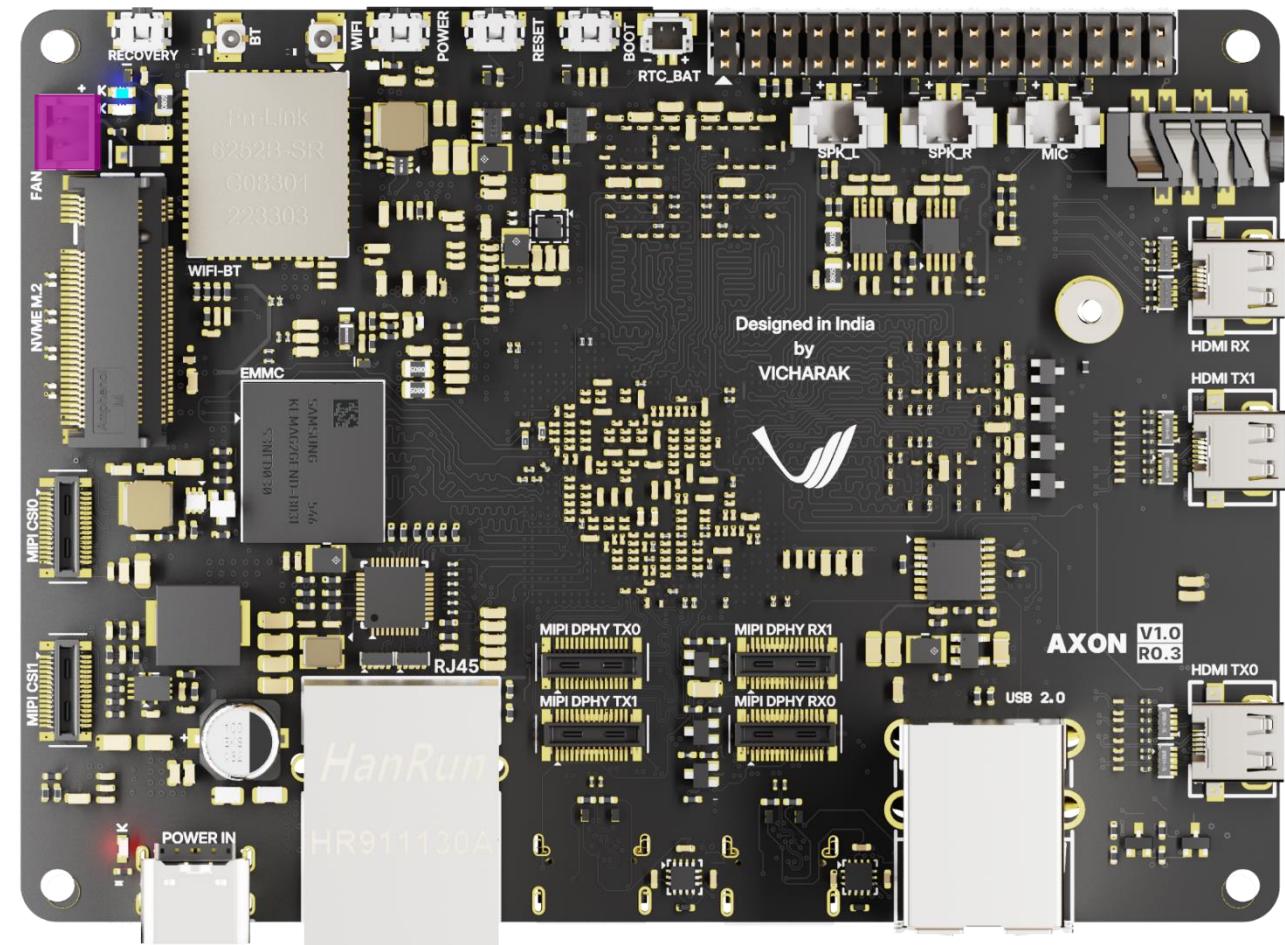
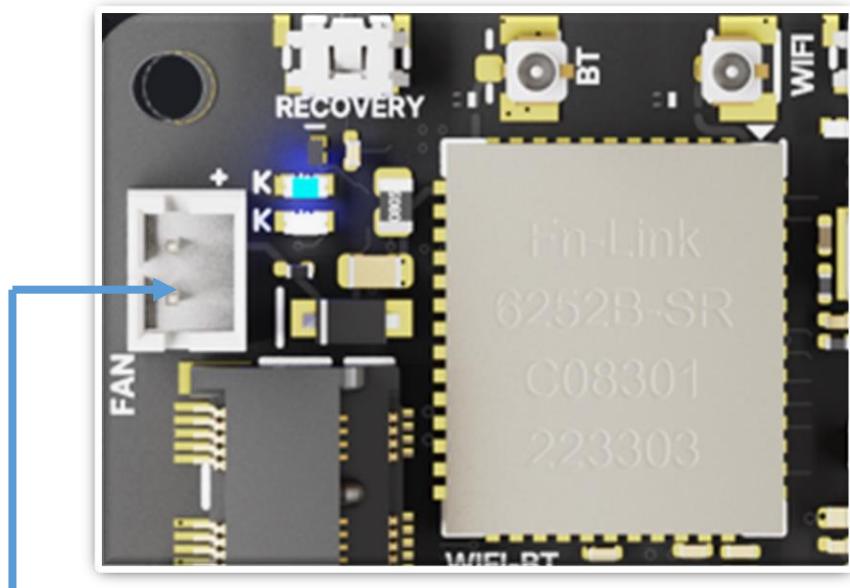
15 Analog Mic and Speaker



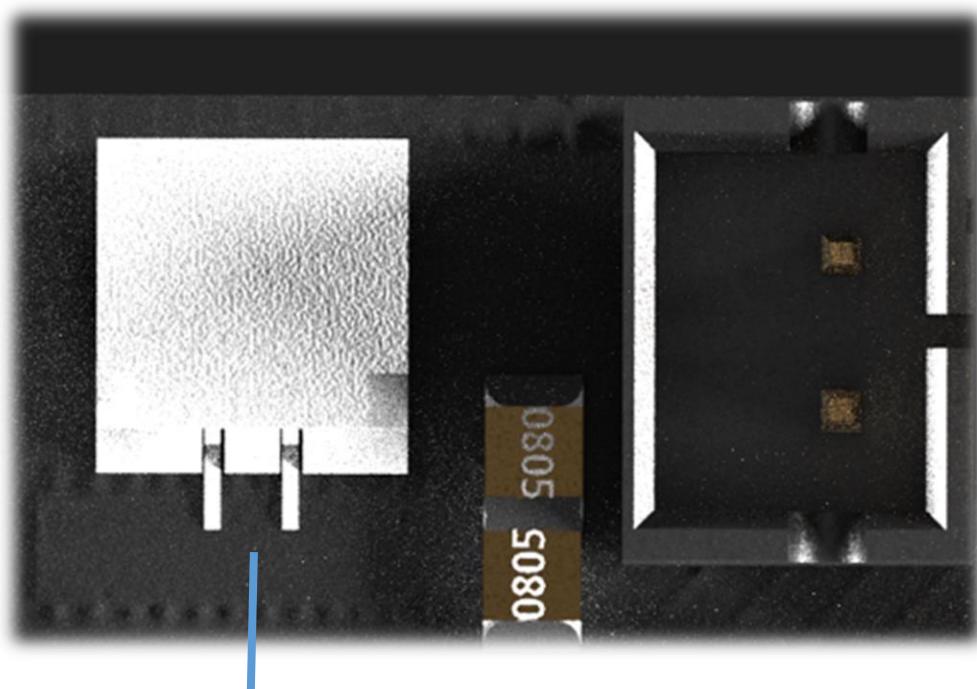


RK3588 30Pin GPIO Header 2.54mm

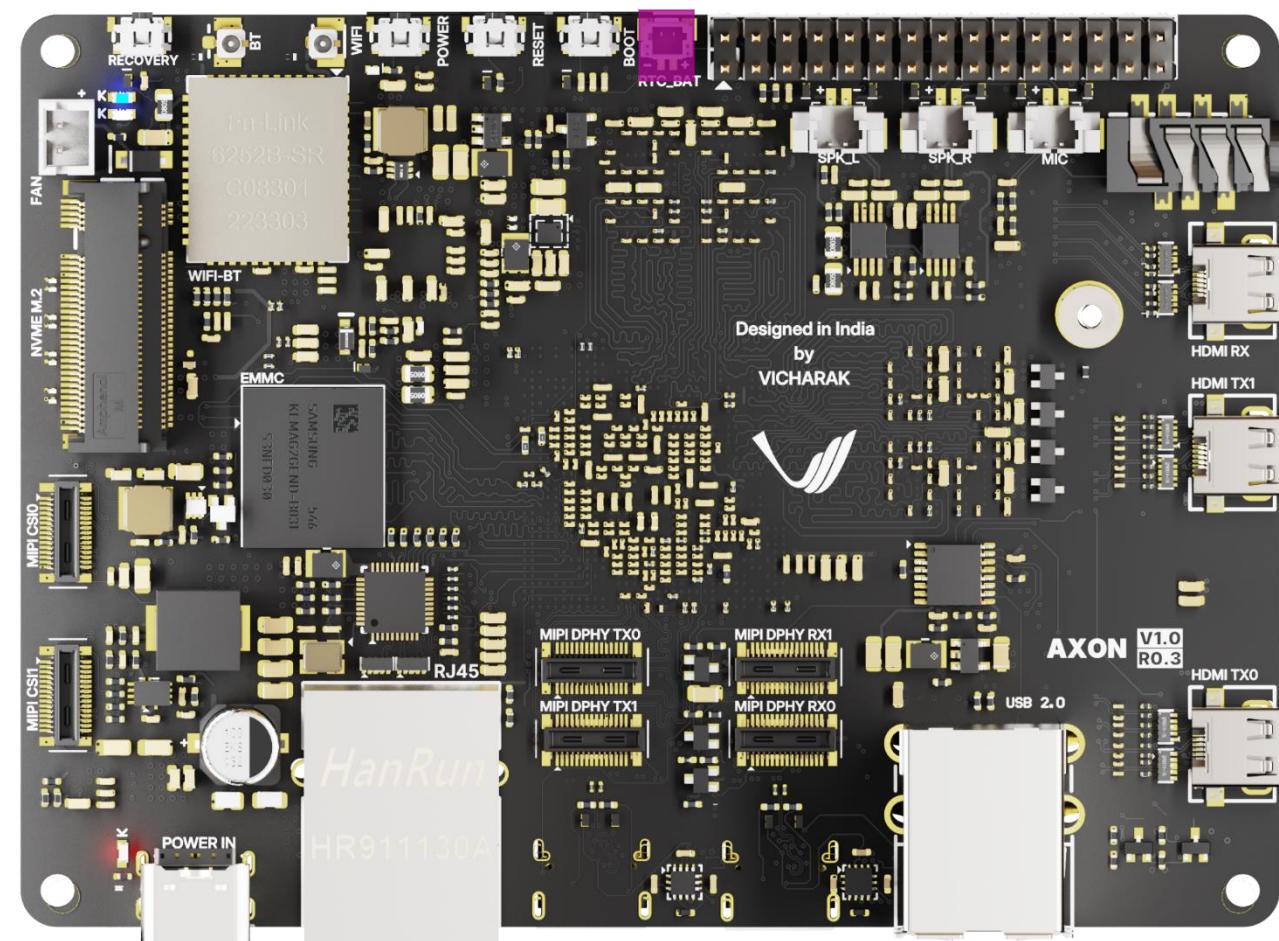




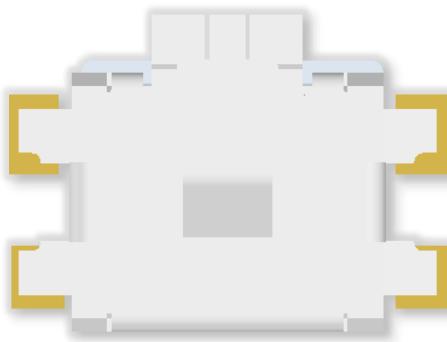
Fan Connector : 2.0mm Pitch



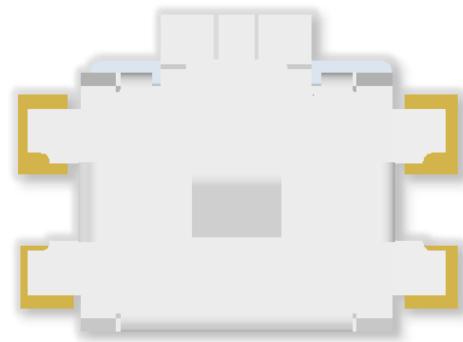
RTC Battery Connector



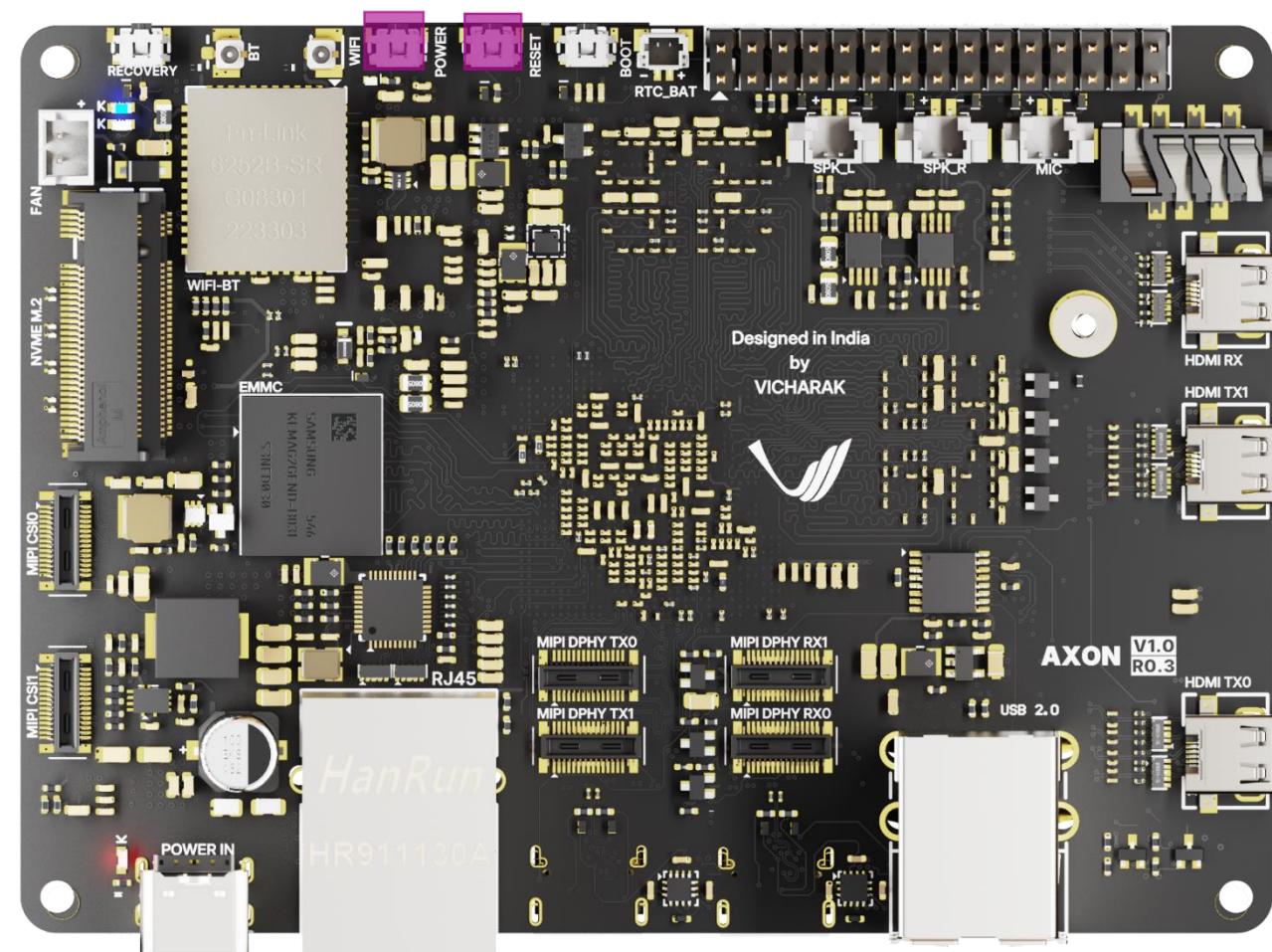
19 Reset & Power Key

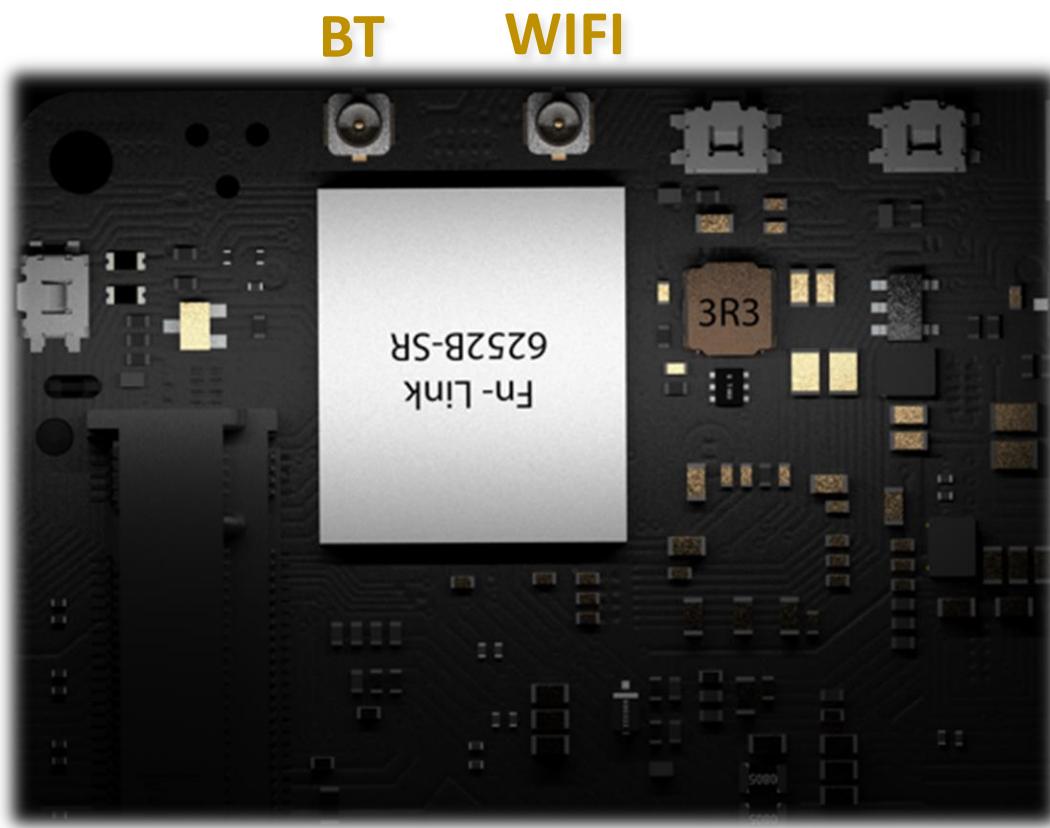


PWR
on/off
Key

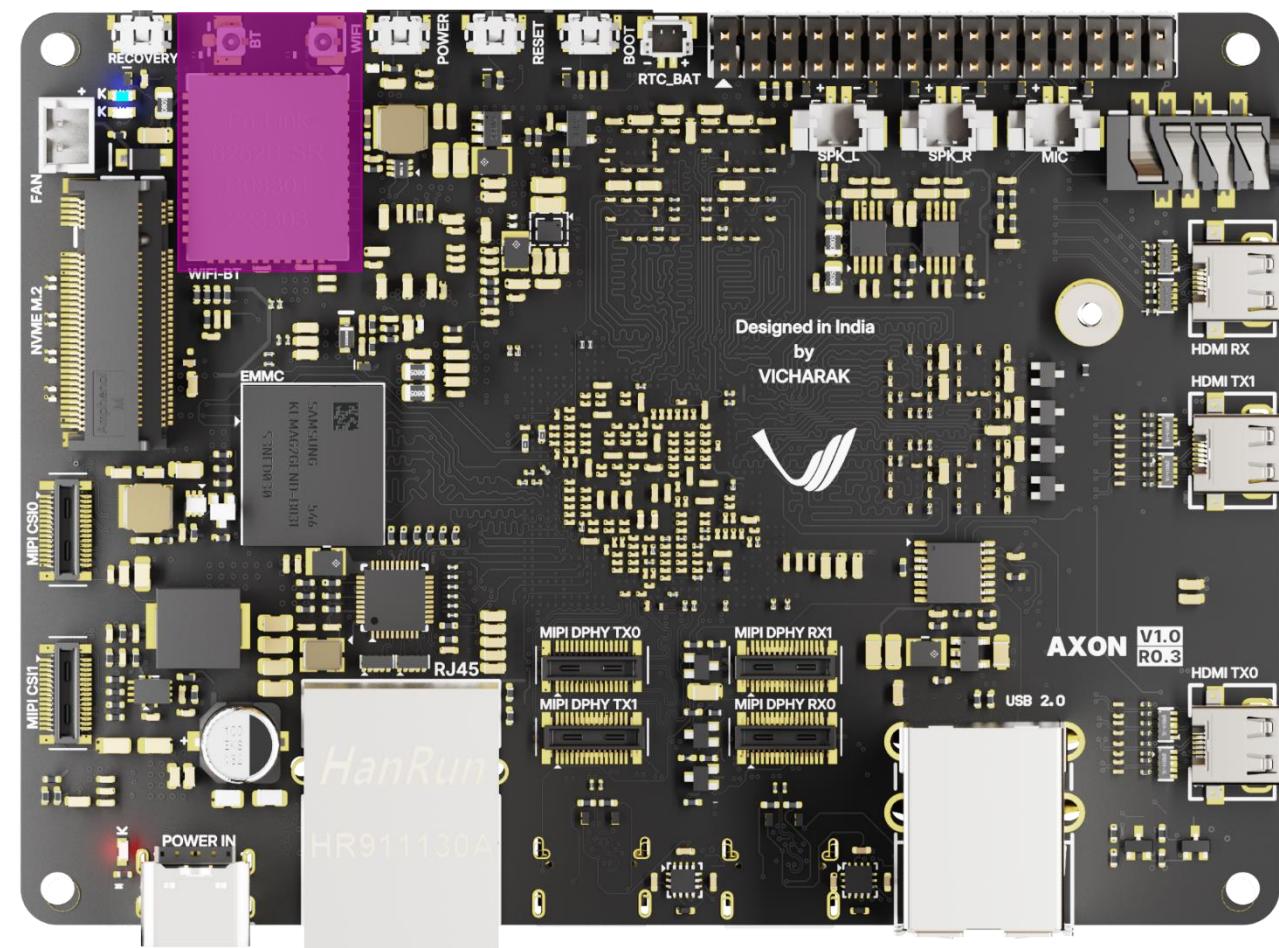


Reset
Key



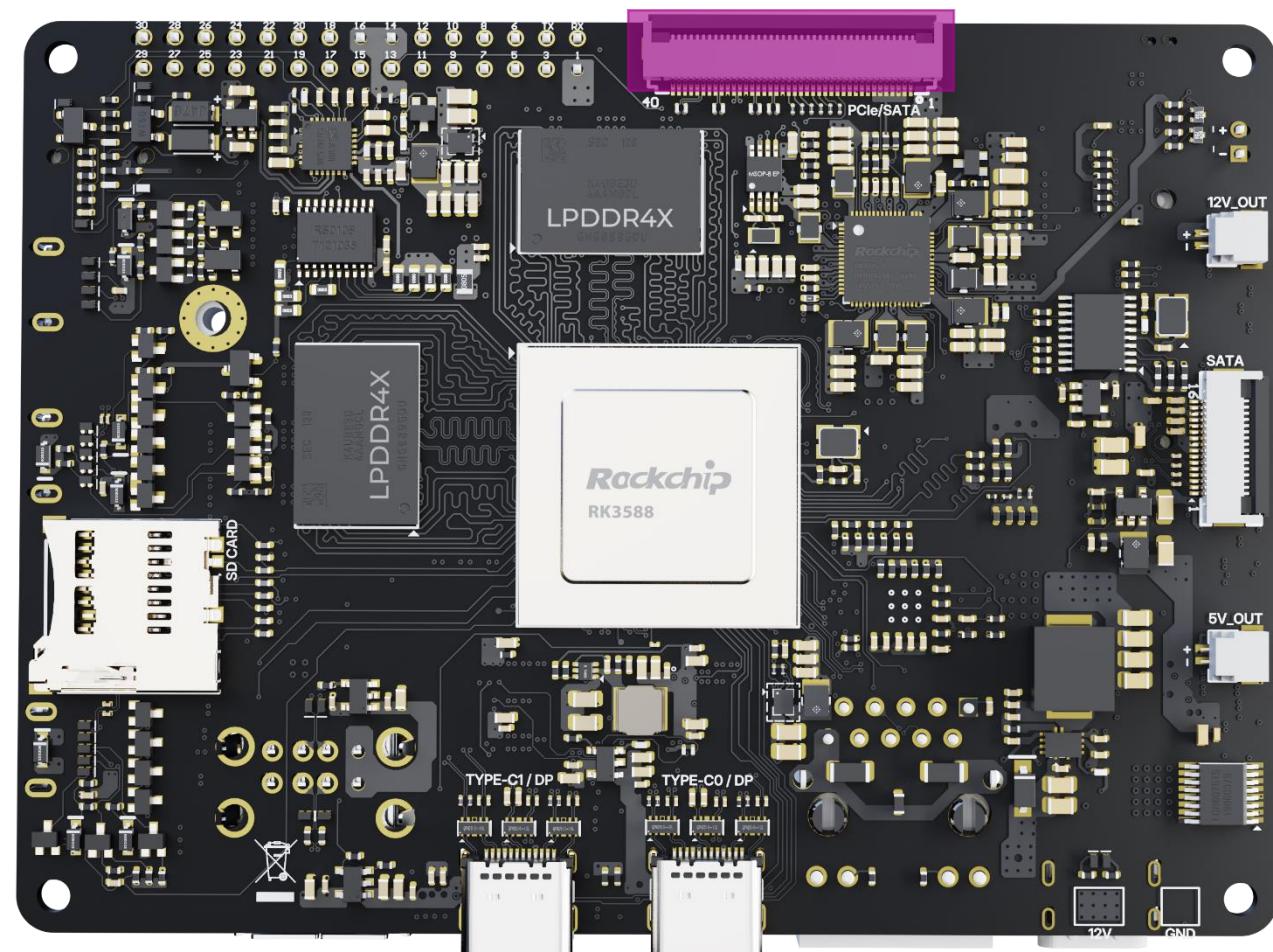


6252B-SR Wifi 6 BT5.2 Module





01	GND
02-07	VCC_3.3V
08-12	GND
13	PCIe_PWREN_H
14	GND
15	PCIEx1_1_CLKREQn_M1_L
16	PCIEx1_1_WAKEn_M1_L
17	PCIEx1_1_PERSTn_M1_L
18	GND
19	PCIEx1_2_CLKREQn_M1_L
20	PCIEx1_2_WAKEn_M1_L
21	PCIEx1_2_PERSTn_M1_L
22	GND
23	PCIE20_1_TX/SATA30_1_RX_P
24	PCIE20_1_RX/SATA30_1_RX_N
25	GND
26	PCIE20_1_RX/SATA30_1_RX_P
27	PCIE20_1_RX/SATA30_1_RX_N
28	GND
29	PCIE20_1_REFCLK_P
30	PCIE20_1_REFCLK_N
31	GND
32	PCIE20_2_RX/SATA30_2_RX_P
33	PCIE20_2_RX/SATA30_2_RX_N
34	GND
35	PCIE20_2_TX/SATA30_2_TX_P
36	PCIE20_2_TX/SATA30_2_TX_N
37	GND
38	PCIE20_2_REFCLK_P
39	PCIE20_2_REFCLK_N
40	GND



PCIe2.0/SATA3.0 FPC Connector

FPC Connector

40 Pin

0.5mm Pitch

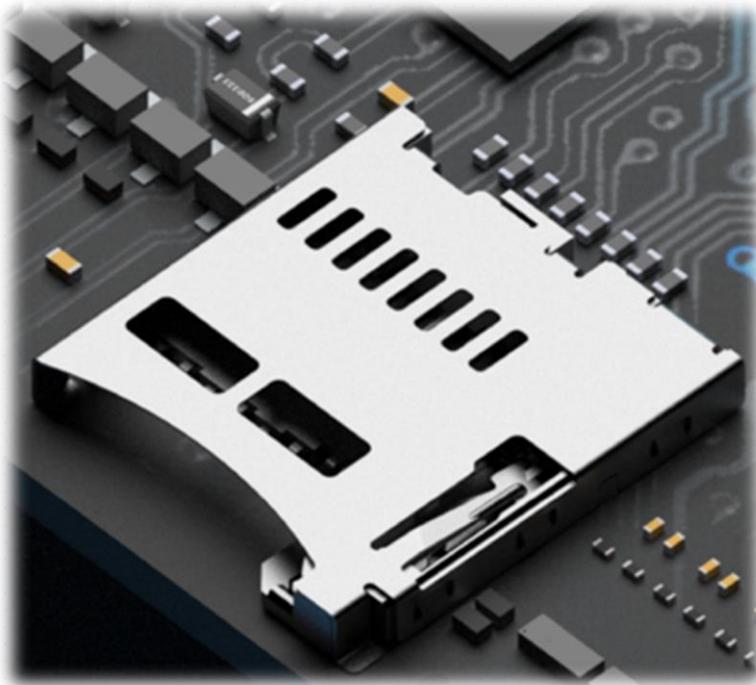
MPN : FPC-05FB-40PH20

FPC Cable

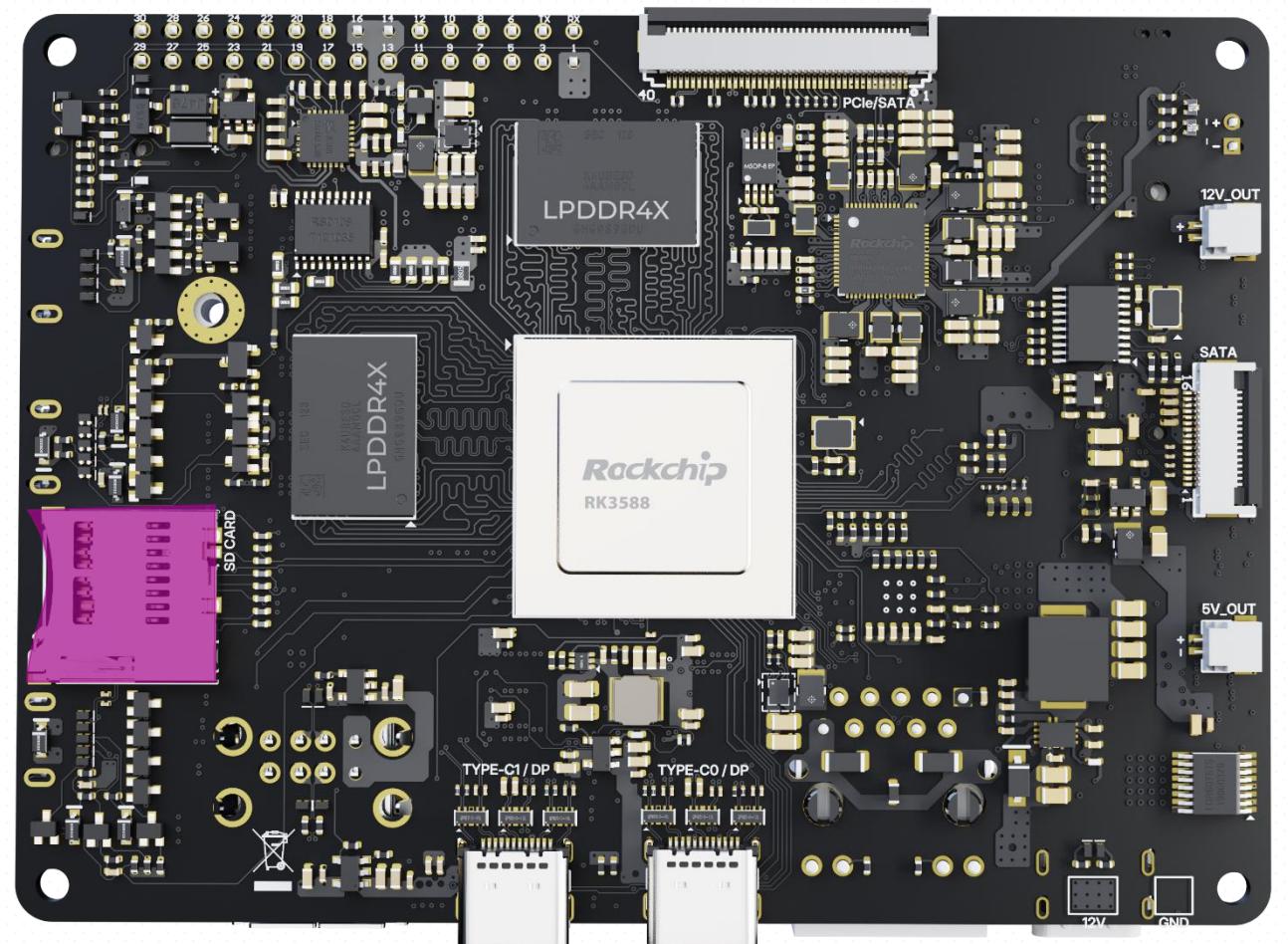
40 Pin

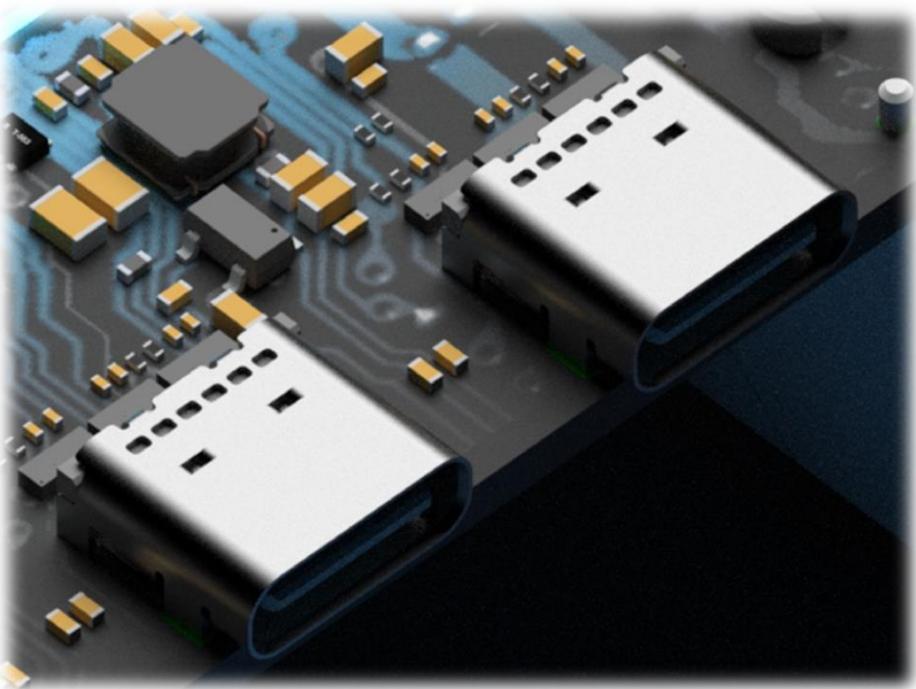
0.5mm Pitch

Impedance 85 Ohm

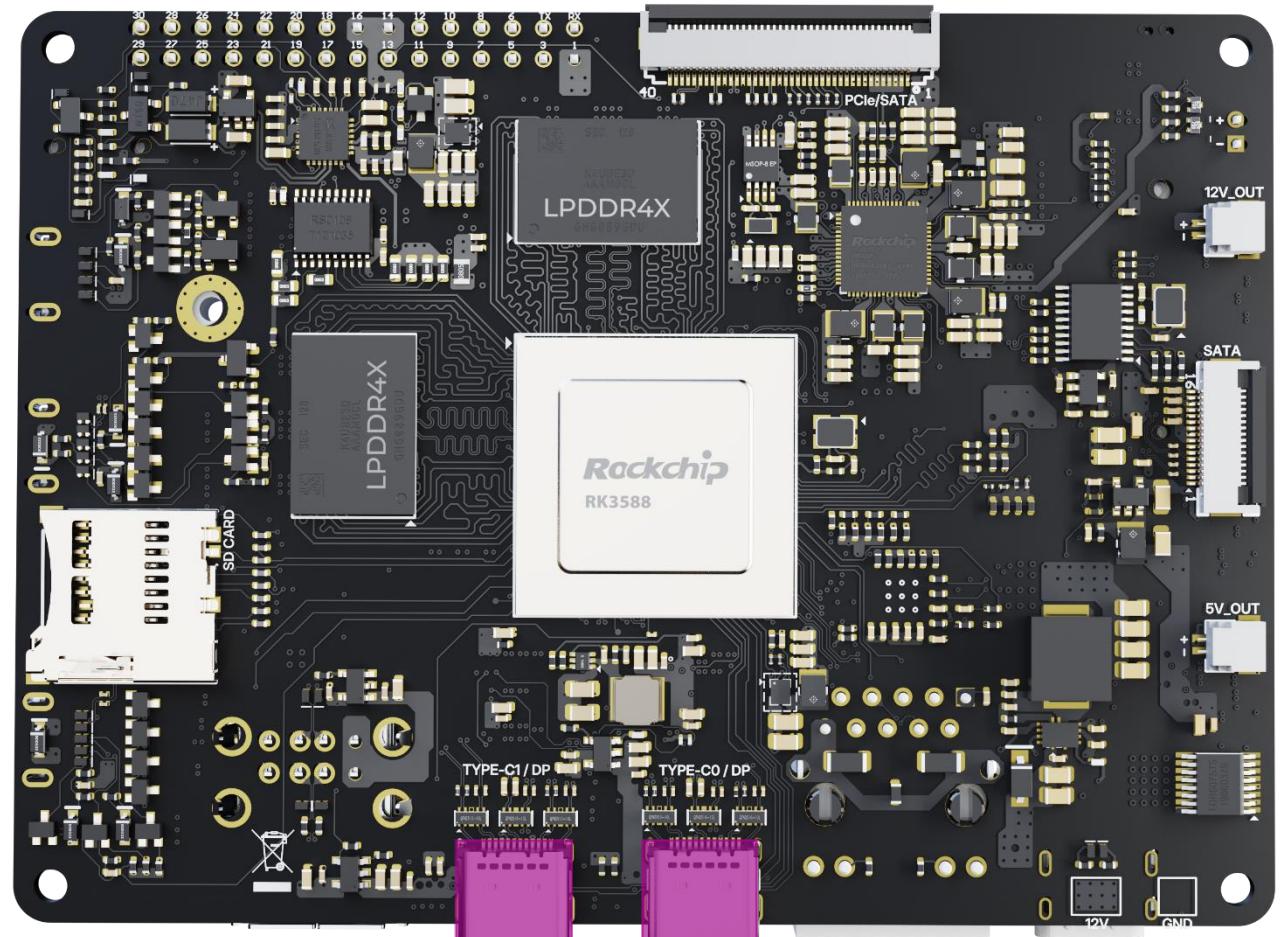


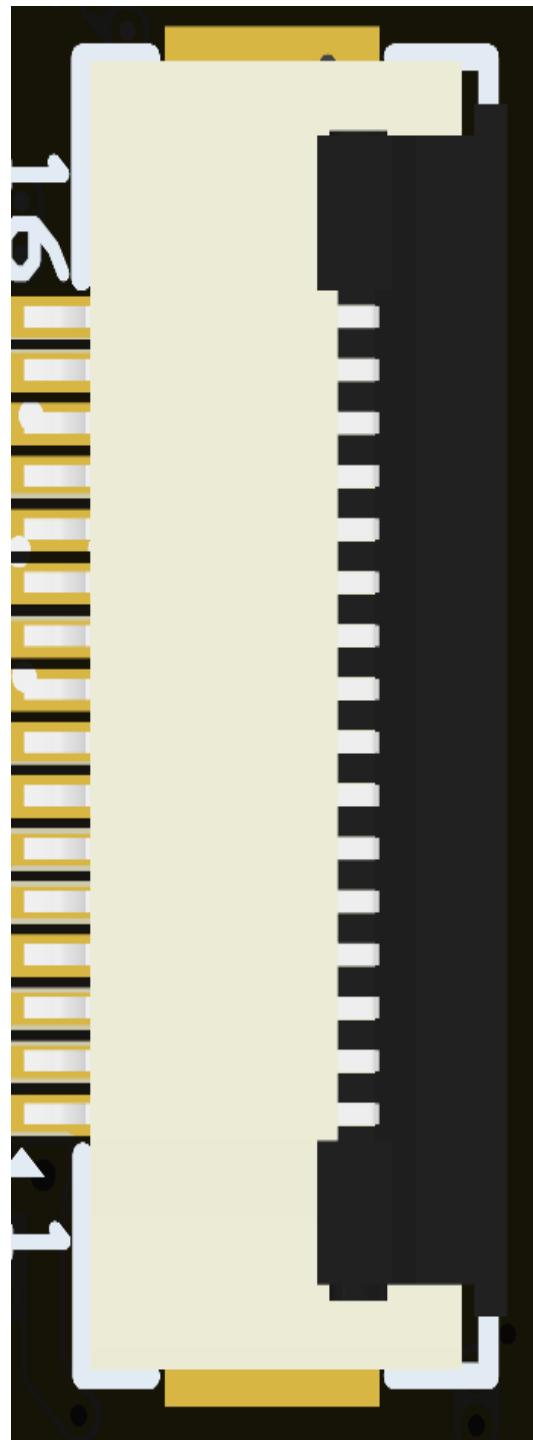
Push-Push Type MicroSD Card Slot



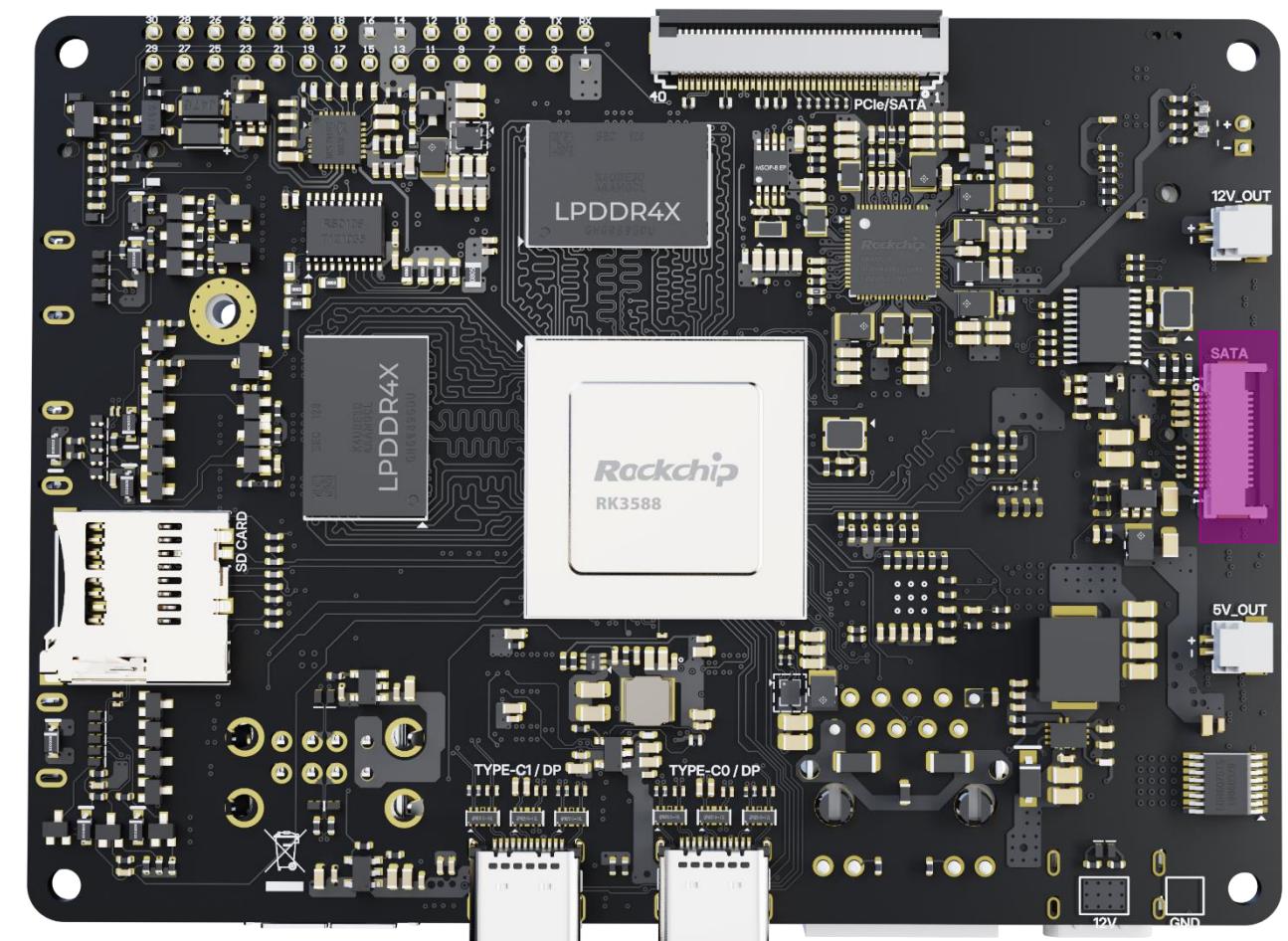


TYPE-C /DP Port

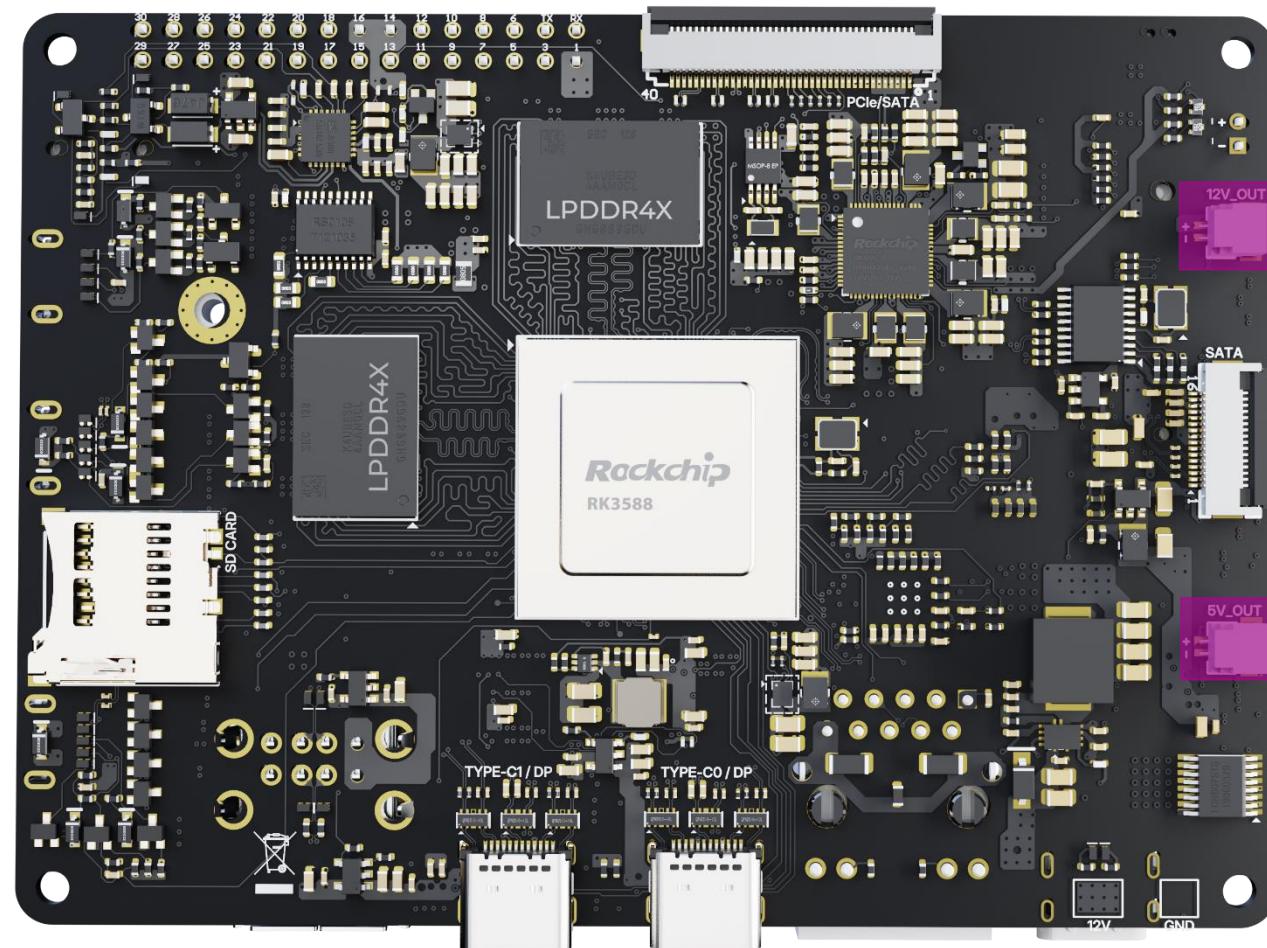




01	GND
02	PCIE20_0_TX/SATA30_0_RX_P
03	PCIE20_0_RX/SATA30_0_RX_N
04	GND
05	PCIE20_0_RX/SATA30_0_RX_N
06	PCIE20_0_RX/SATA30_0_RX_P
07	GND
08	12V
09	12V
10	12V
11	GND
12	GND
13	5V
14	5V
15	5V
16	GND



16 Pin FPC Connector
SATA 3.0



**12V_OUT & 5V_OUT
Connector**