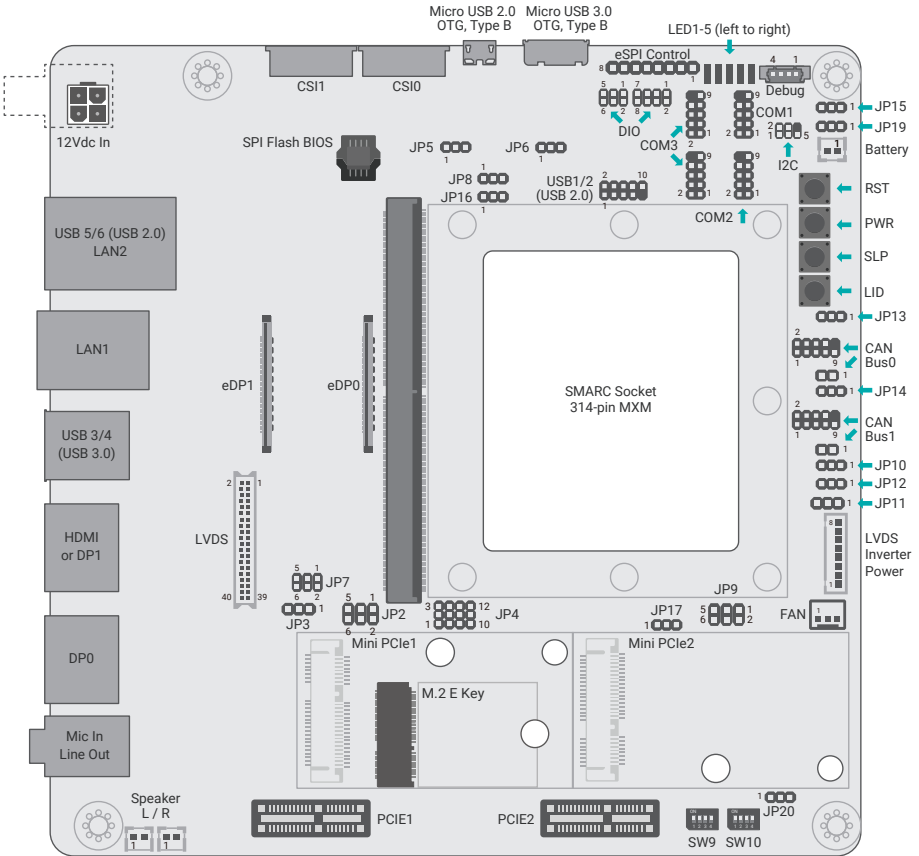
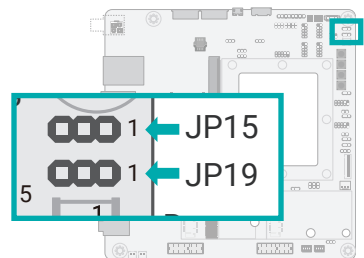


Board Layout



Jumper Settings

System Reset	JP15
Normal (default)	1-2 On
System Reset	2-3 On
RTC Source	JP19
RTC (default)	1-2 On
N.C.	2-3 On



CAN Bus 0 Termination **JP13**

Middle of the BUS (default) 1-2 On

End of the BUS 2-3 On

CAN Bus 1 Termination **JP14**

Middle of the BUS (default) 1-2 On

End of the BUS 2-3 On

LVDS Panel Backlight **JP10**

3V3 (default) 1-2 On

5V 2-3 On

LVDS Backlight Dimming **JP12**

Off (default) 1-2 On

On 2-3 On

LVDS Inverter Power **JP11**

12V (default) 1-2 On

5V 2-3 On

USB 2.0 OTG Power **JP5**

OTG_ID,OTG_PEN to SMARC
(default) 1-2 On

OTG_ID,OTG_PEN to Carrier
Board 2-3 On

USB 3.0 OTG Power **JP6**

OTG_ID,OTG_PEN to SMARC
(default) 1-2 On

OTG_ID,OTG_PEN to Carrier
Board 2-3 On

USB 3.0 OTG Signal **JP8**

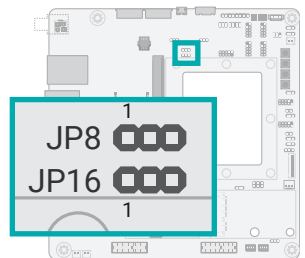
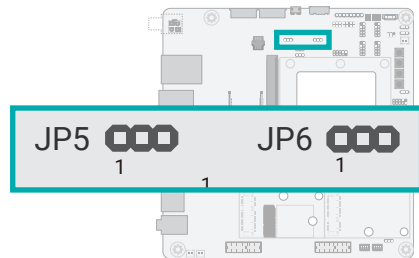
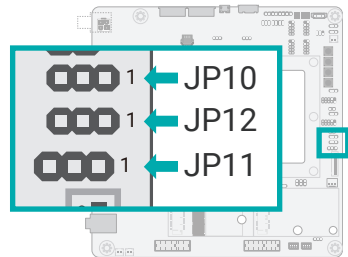
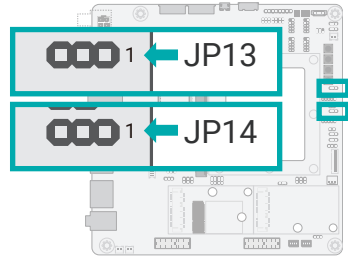
OTG disabled (default) 1-2 On

OTG enabled 2-3 On

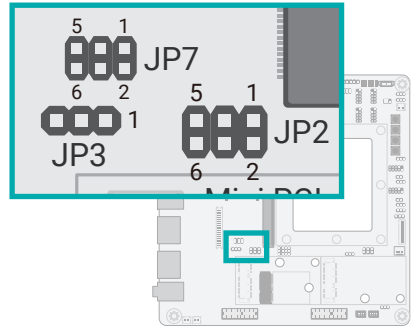
USB 2.0 OTG Signal **JP16**

OTG disabled (default) 1-2 On

OTG enabled 2-3 On

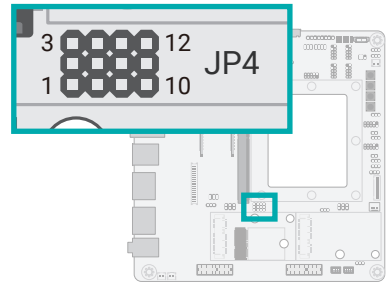


LVDS/eDP Select	JP7
eDP0 (default)	1-3 On
eDP1 (default)	2-4 On
LVDS Single	3-5 On
LVDS Dual	3-5, 4-6 On



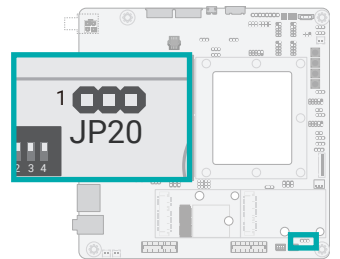
Mini PCIe 1 Power	JP3
3VDU (Mini PCIE, default)	1-2 On
3V3 (mSATA)	2-3 On

SMARC Module VCC	JP2
5VSB	1-2 On
N.C.	3-4 On
3V3SB (default)	5-6 On



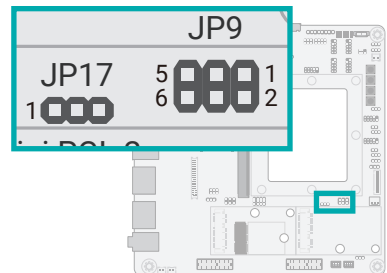
Mini PCIe 1 Signal	JP4
Mini-PCIE (default)	1-2, 4-5, 7-8, 10-11 On
mSATA	2-3, 5-6, 8-9, 11-12 On

VIN Power Bad	JP20
N/A (default)	1-2 On
VIN Power Bad	2-3 On

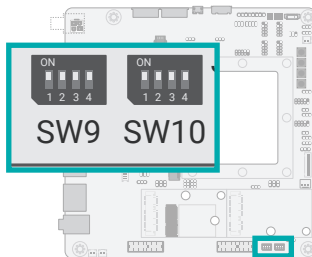


LVDS Panel Power	JP9
12V	1-2 On
5V	3-4 On
3.3V (default)	5-6 On

2V8 Power Bad	JP17
N/A (default)	1-2 On
2V8 Power Bad	2-3 On



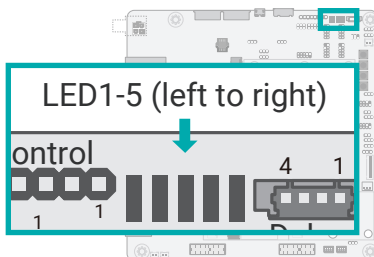
Miscellaneous Switch	SW9
TEST#	1 On
BATLOW#	2 On
CHARGER_PRSNT#	3 On
CHARGING#	4 On



Boot Selection	SW10 (1, 2, 3)
Carrier SATA	Off, Off, Off
Carrier SD Card	On, Off, Off
Carrier eSPI	Off, On, Off
Carrier SPI	On, On, Off
Module Device (NAND, NOR)	Off, Off, On
Remote Boot (GbE, Serial)	On, Off, On
Module eMMC Flash	Off, On, On
Module SPI	On, On, On

Boot Recovery	SW10
Force Recovery	4 On

LED Description	
SATA Status	LED1
5VSB	LED2
3VSB	LED3
WatchDog	LED4
Power	LED5



DFI reserves the right to change the specifications at any time prior to the product's release. This QR may be based on editions that do not resemble your actual products. For more documentation and drivers, please visit the download page at go.dfi.com/CAR-SMARC, or via the QR code to the right.

