## Component Map



U.FL Connectors
Chain2
Chain1
Chain0

miniPCIe Interface

## GPIO Pin Mapping

| GPIO Pin | Function | GPIO Pin | Function |
|---|---|---|---|
| GPIO_0 | WLAN_DISABLE_L | GPIO_1 | LED_WLAN_L |
| GPIO_2 | MCI_CLK_IN | GPIO_3 | MCI_CLK_OUT |
| GPIO_4 | MCI_DATA_OUT | GPIO_5 | MCI_DATA_IN |
| GPIO_19 | FEM_VRX | | |

## Power Requirements

| DC Power | 3.3V |
|---|---|
| Power Consumption | 5 Watts (Max) |

## miniPCIe Slot Pin Assignment

| Top side | | Bottom side | |
|---|---|---|---|
| 1 | WAKE_L | 2 | +3.3V |
| 3 | NC | 4 | GND |
| 5 | NC | 6 | NC |
| 7 | CLKREQ_L | 8 | MCI_CLK_IN (RESERVED) |
| 9 | GND | 10 | MCI_CLK_OUT (RESERVED) |
| 11 | REFCLK- | 12 | MCI_DATA_OUT (RESERVED) |
| 13 | REFCLK+ | 14 | MCI_DATA_IN (RESERVED) |
| 15 | GND | 16 | NC |
| Mechanical key | | | |
| 17 | NC | 18 | GND |
| 19 | NC | 20 | W_DISABLE_L |
| 21 | GND | 22 | RESET |
| 23 | PERn0 | 24 | +3.3V |

| Top side | | Bottom side | |
|---|---|---|---|
| 25 | PERp0 | 26 | GND |
| 27 | GND | 28 | NC |
| 29 | GND | 30 | NC |
| 31 | PETn0 | 32 | NC |
| 33 | PETp0 | 34 | GND |
| 35 | GND | 36 | NC |
| 37 | GND | 38 | NC |
| 39 | +3.3V (RESERVED) | 40 | GND |
| 41 | +3.3V (RESERVED) | 42 | NC |
| 43 | GND | 44 | LED_WLAN_L |
| 45 | NC | 46 | BT_LED |
| 47 | test point | 48 | NC |
| 49 | NC | 50 | GND |
| 51 | NC | 52 | +3.3V |