

# HARDWARE GUIDE - WLE900VX

## Component Map



#### **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) |

#### miniPCle 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<br>(RESERVED)   |  |  |
| 9              | GND      | 10          | MCI_CLK_OUT<br>(RESERVED)  |  |  |
| 11             | REFCLK-  | 12          | MCI_DATA_OUT<br>(RESERVED) |  |  |
| 13             | REFCLK+  | 14          | MCI_DATA_IN<br>(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<br>(RESERVED) | 40          | GND        |
| 41       | +3.3V<br>(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      |

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