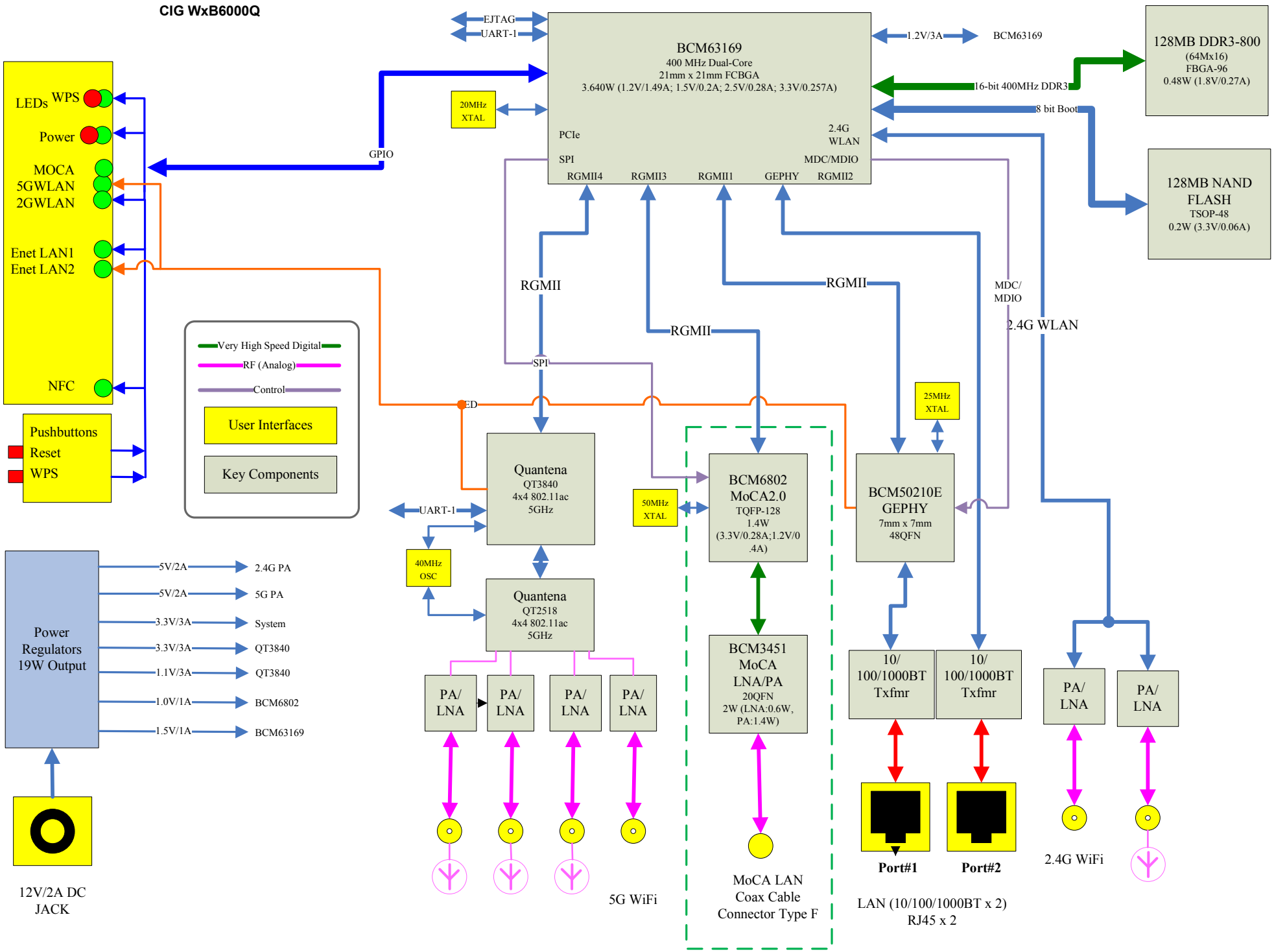
CIG WxB6000Q
BCM63169
400 MHz Dual-Core
21mm x 21mm FCBGA
3.640W (1.2V/1.49A; 1.5V/0.2A; 2.5V/0.28A; 3.3V/0.257A)
EJTAG
UART-1
1.2V/3A
BCM63169
16-bit 400MHz DDR3
8 bit Boot
20MHz XTAL
PCIe
2.4G WLAN
SPI
MDC/MDIO
RGMII4
RGMII3
RGMII1
GEPHY
RGMII2
128MB DDR3-800
(64Mx16)
FBGA-96
0.48W (1.8V/0.27A)
128MB NAND FLASH
TSOP-48
0.2W (3.3V/0.06A)
GPIO
LEDs
WPS
Power
MOCA
5GWLAN
2GWLAN
Enet LAN1
Enet LAN2
NFC
Pushbuttons
Reset
WPS
Very High Speed Digital
RF (Analog)
Control
User Interfaces
Key Components
RGMII
RGMII
RGMII
MDC/
MDIO
2.4G WLAN
SPI
LED
25MHz XTAL
Quantena
QT3840
4x4 802.11ac
5GHz
UART-1
50MHz XTAL
BCM6802
MoCA2.0
TQFP-128
1.4W
(3.3V/0.28A;1.2V/0.4A)
BCM50210E
GEPHY
7mm x 7mm
48QFN
40MHz OSC
Quantena
QT2518
4x4 802.11ac
5GHz
Power Regulators 19W Output
5V/2A
2.4G PA
5V/2A
5G PA
3.3V/3A
System
3.3V/3A
QT3840
1.1V/3A
QT3840
1.0V/1A
BCM6802
1.5V/1A
BCM63169
PA/ LNA
PA/ LNA
PA/ LNA
PA/ LNA
BCM3451
MoCA
LNA/PA
20QFN
2W (LNA:0.6W, PA:1.4W)
10/ 100/1000BT Txfmr
10/ 100/1000BT Txfmr
PA/ LNA
PA/ LNA
12V/2A DC JACK
5G WiFi
MoCA LAN
Coax Cable
Connector Type F
Port#1
Port#2
LAN (10/100/1000BT x 2)
RJ45 x 2
2.4G WiFi