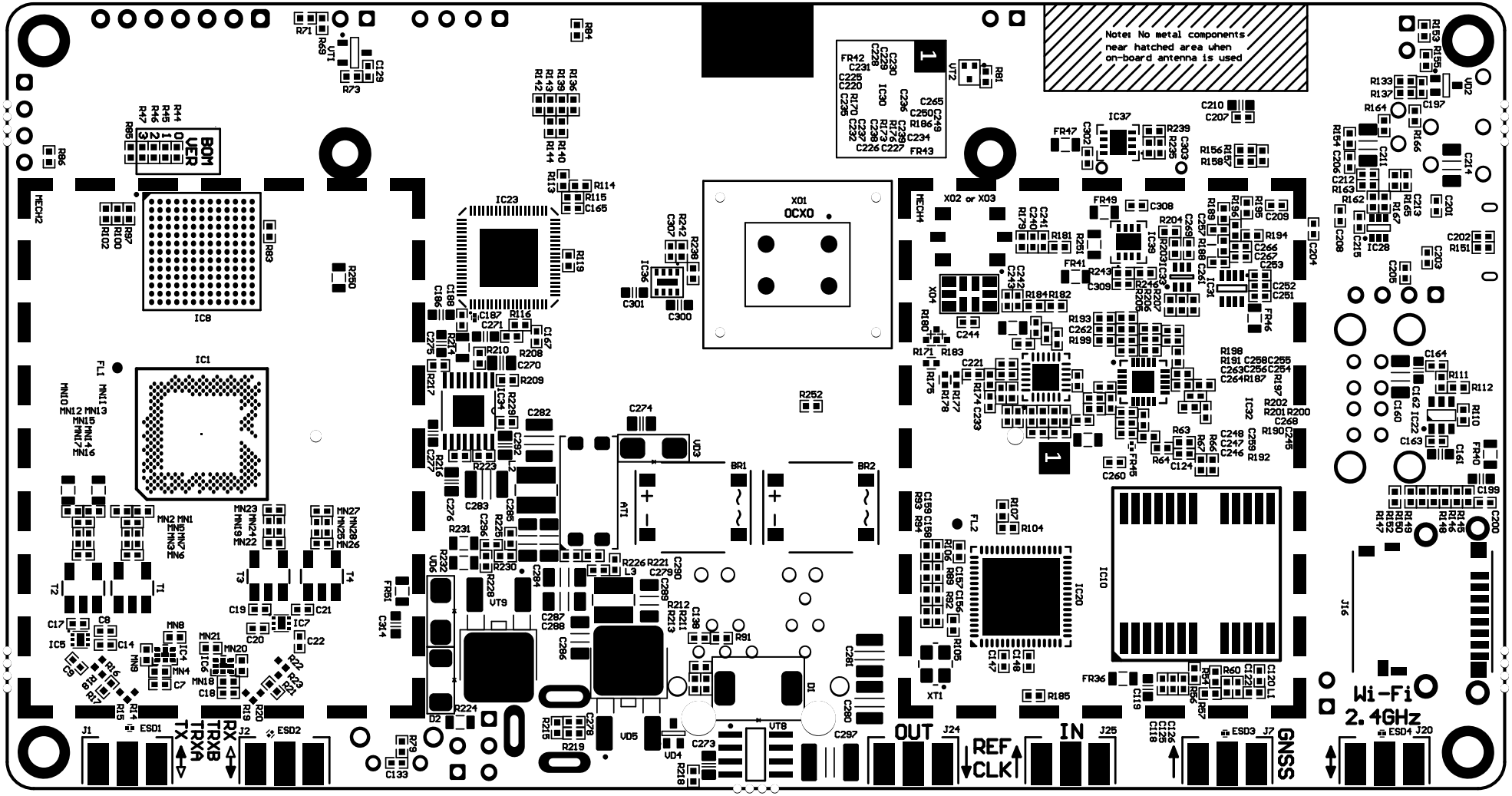
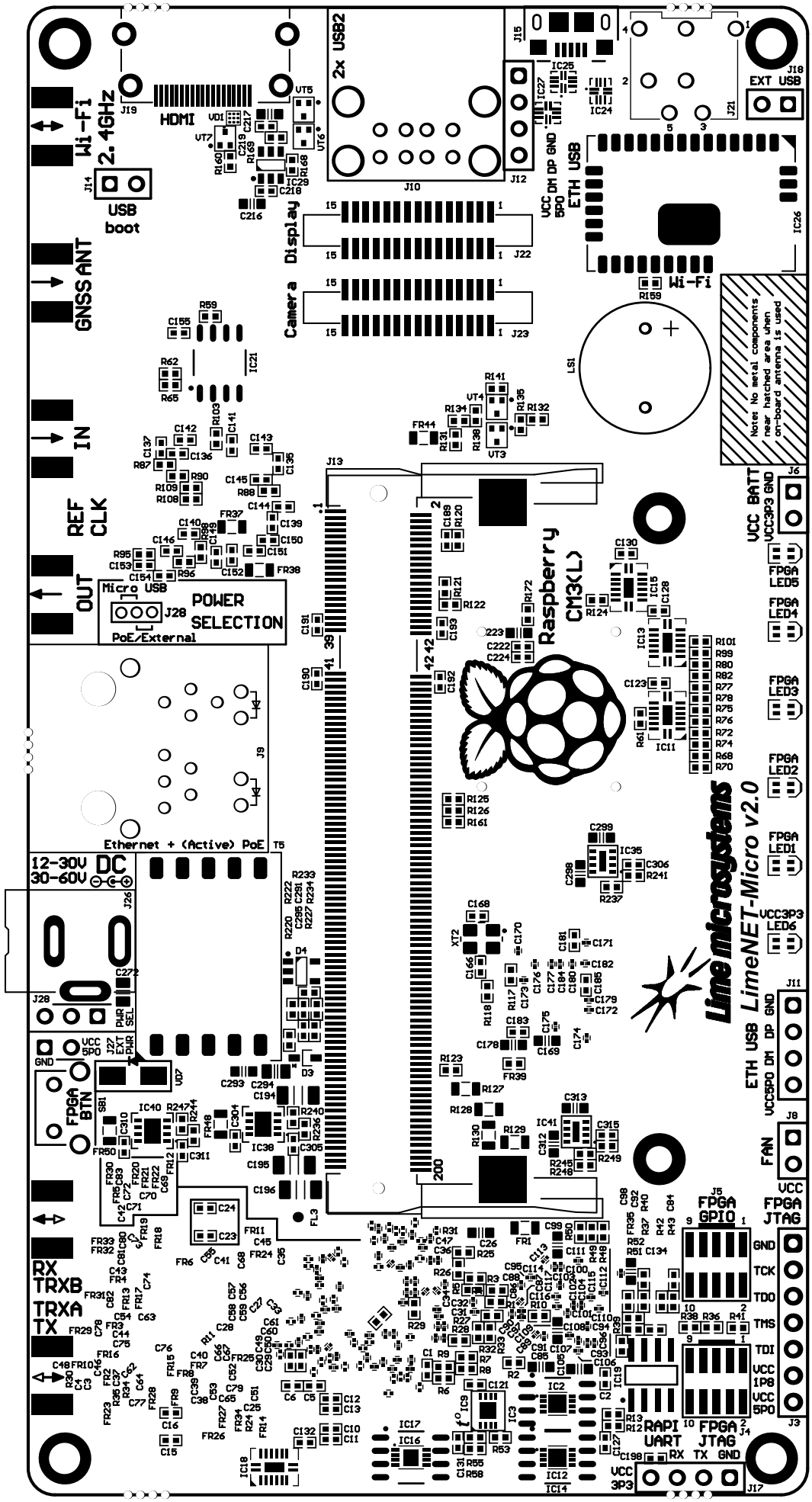
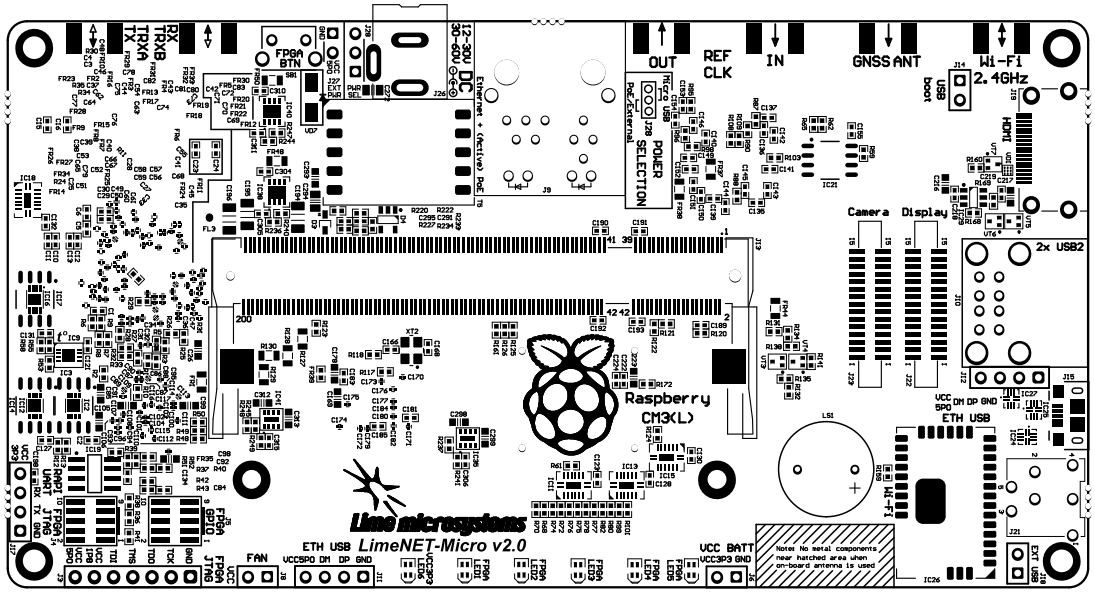

Note: No metal components
near hatched area when
on-board antenna is used
BOM
VER
OCXO
X01
X02 or X03
Wi-Fi
2.4GHz
TX
RX
TRXB
TRXA
OUT
REF
CLK
IN
GNSS


Wi-Fi 2.4GHz
HDMI
2x USB2
EXT USB
ETH USB
USB boot
Display
Camera
GNSS ANT
IN
REF CLK
OUT
Micro USB
POWER SELECTION
PoE/External
Ethernet + (Active) PoE
12-30V 30-60V DC
Raspberry CM3(L)
Notes: No metal components near hatched area when on-board antenna is used
LimeNET-Micro v2.0
limemicrosystems
VCC BATT
FPGA LED5
FPGA LED4
FPGA LED3
FPGA LED2
FPGA LED1
VCC3P3 LED6
ETH USB
FAN
FPGA GPIO
FPGA JTAG
RAPI UART
RX TX GND
VCC 3P3
FPGA BTN
RX
TRXB
TRXA
TX

Wi-Fi
2.4GHz
GNSS
REF
CLK
IN
OUT
RX
TRXB
TRXA
TX
BOM
VER
DCXO
Note: No metal components near hatched area when primary antenna is used.


RX
TRXB
TRXA
TX
FPGA BTN
12-30V DC
30-60V
Ethernet + (Active) PoE
OUT
REF CLK
IN
GNSS ANT
Wi-Fi 2.4GHz
USB boot
HDMI
micro USB
PoE/External
POWER SELECTION
Camera
Display
2x USB2
Raspberry CM3(L)
VCC 5PO DM DP GND
ETH USB
Wi-Fi
Lime microsystems
LimeNET-Micro v2.0
ETH USB
FAN
VCC5PO DM DP GND
VCC BATT
VCC3P3 GND
Note: No metal components near hatched area when on-board antenna is used
EXT GPS
FPGA JTAG
FPGA GPIO
RaPi UART
FPGA JTAG