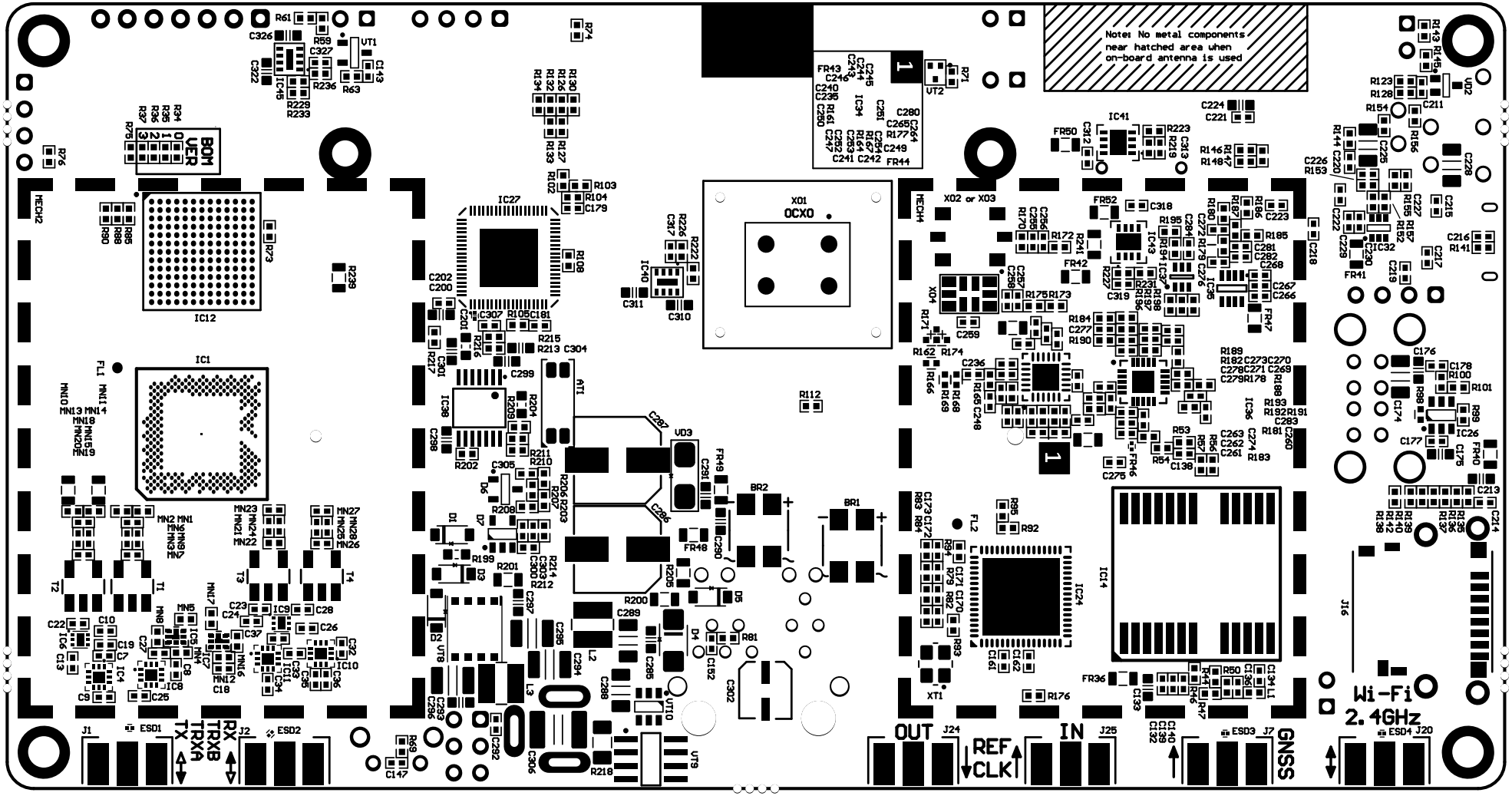
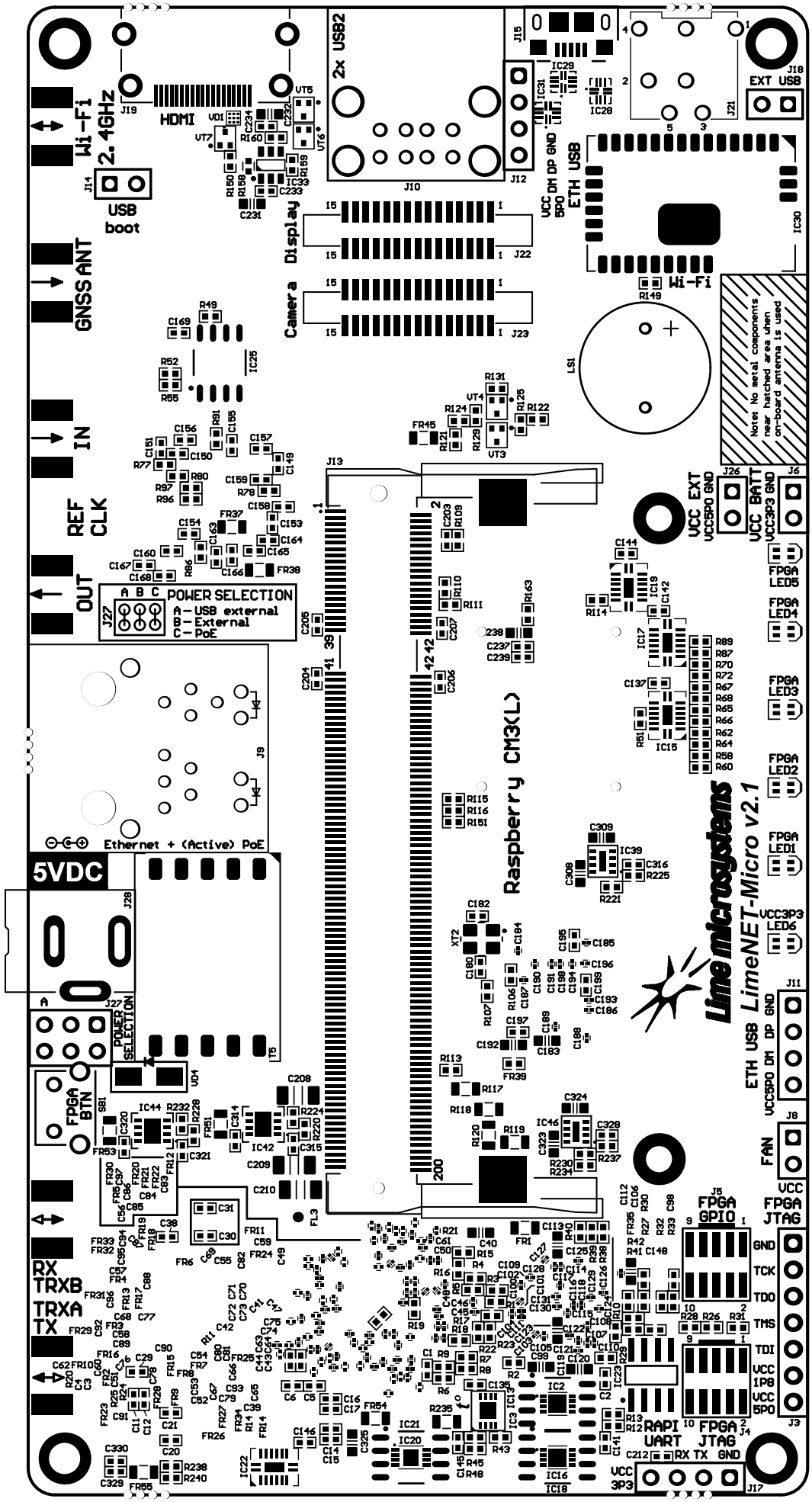

Note: No metal components
near hatched area when
on-board antenna is used
BOM
VER
OCXO
X01
X02 or X03
IC12
IC1
IC27
IC14
IC24
IC41
J1
J2
J16
J20
J24
J25
J7
ESD1
ESD2
ESD3
ESD4
TRXA
TRXB
RX
TX
OUT
REF
CLK
IN
GNSS
Wi-Fi
2.4GHz


Wi-Fi 2.4GHz
HDMI
2x USB2
EXT USB
USB boot
Display
Camera
ETH USB
GNSS ANT
Wi-Fi
Notes: No metal components near hatched area when on-board antenna is used
IN
REF CLK
OUT
POWER SELECTION
A – USB external
B – External
C – PoE
Ethernet + (Active) PoE
5VDC
Raspberry CM3(L)
LimeNET-Micro v2.1
limemicrosystems
VCC EXT
VCC BATT
FPGA LED5
FPGA LED4
FPGA LED3
FPGA LED2
FPGA LED1
VCC3P3 LED6
ETH USB
FAN
VCC
FPGA JTAG
FPGA GPIO
GND
TCK
TDO
TMS
TDI
VCC 1P8
VCC 5P0
RX
TRXB
TRXA
TX
FPGA BTN
RAPI UART
FPGA JTAG
RX TX GND
VCC 3P3

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

Wi-Fi 2.4GHz
GNSS ANT
IN
REF CLK
OUT
HDMI
2x USB2
USB boot
Display
Camera
EXT USB
ETH USB
Wi-Fi
POWER SELECTION
A - USB external
B - External
C - PoE
Ethernet + (Active) PoE
5VDC
FPGA BTN
RX
TRXB
TRXA
TX
Raspberry CM3(L)
Lime microsystems
LimeNET-Micro v2.1
FPGA GPIO
FPGA JTAG
RAPI UART
FAN
ETH USB
UCC EXT
UCC BATT