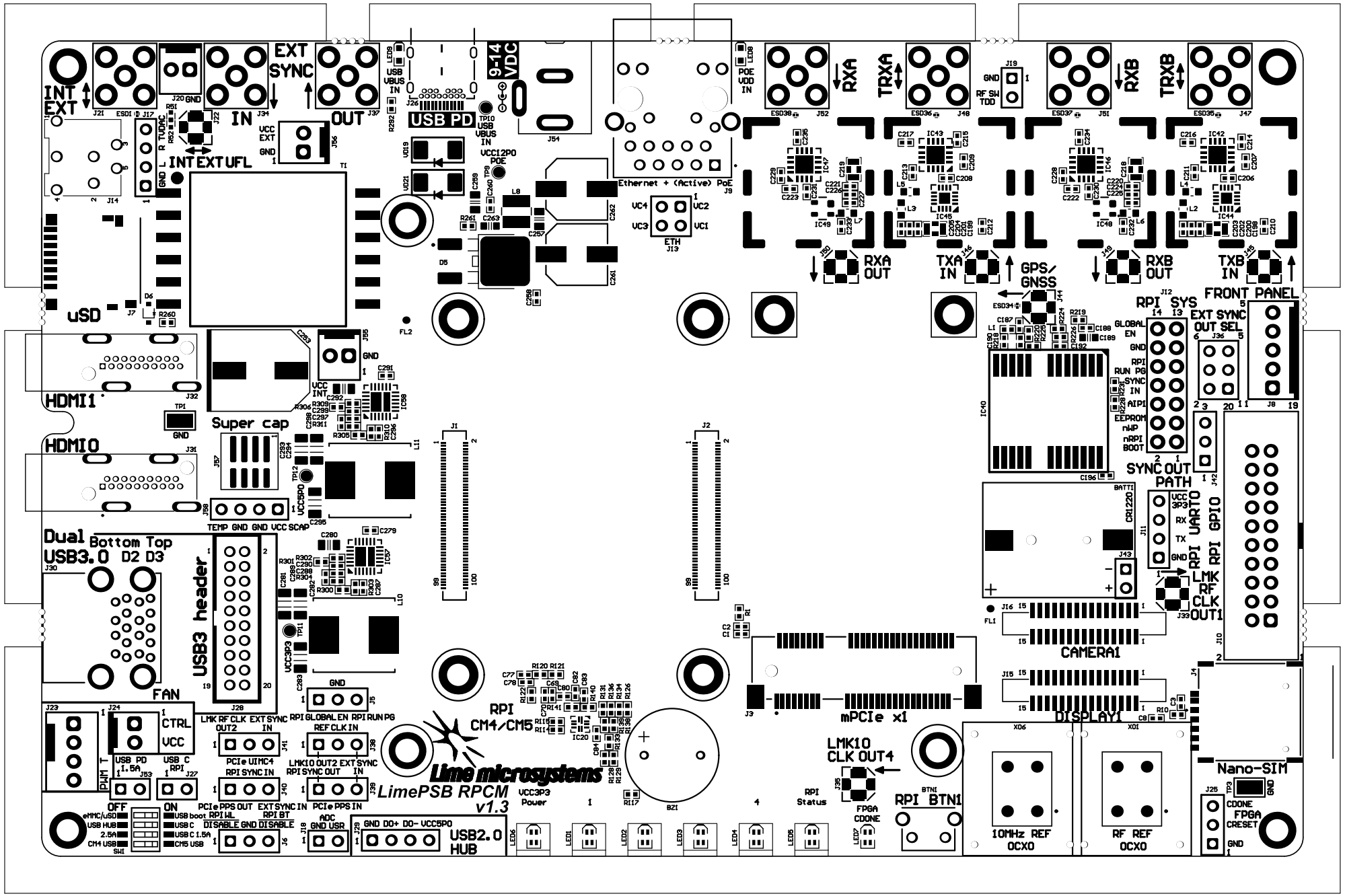
INT
EXT
EXT SYNC
IN
OUT
9-14 VDC
USB PD
INT EXT UFL
uSD
HDMI1
HDMI0
Super cap
Dual USB3.0
Bottom Top
D2 D3
USB3 header
FAN
CTRL
VCC
USB PD 1.5A
USB C RPI
RPI CM4/CM5
Lime microsystems
LimePSB RPCM v1.3
USB2.0 HUB
Ethernet + (Active) PoE
ETH
RXA
TRXA
RXB
TRXB
RXA OUT
TXA IN
GPS/ GNSS
RXB OUT
TXB IN
FRONT PANEL
RPI SYS
EXT SYNC OUT SEL
SYNC OUT PATH
RPI UART0
RPI GPIO
LMK RF CLK OUT1
CAMERA1
DISPLAY1
mPCIe x1
LMK10 CLK OUT4
RPI BTN1
10MHz REF OCXO
RF REF OCXO
Nano-SIM
FPGA CRESET
FPGA CDONE
RPI Status
VCC3P3 Power
OFF
ON
eMMC/uSD
USB HUB
2.5A
CM4 USB
USB boot
USB C
USB C 1.5A
CM5 USB
DISABLE
GND
RPI WL
RPI BT
ADC GND USR
GND DO+ DO- VCC5PO
LMK RF CLK OUT2
EXT SYNC IN
RPI GLOBAL EN
RPI RUN PG
REF CLK IN
PCIe UIMC4
LMK10 OUT2
RPI SYNC IN
RPI SYNC OUT
PCIe PPS OUT
PCIe PPS IN
TEMP GND GND VCC SCAP
VCC5PO
VCC3P3
VCC12PO POE
USB VBUS IN
POE VDD IN
RF SW TDD
GLOBAL EN
RPI RUN PG
SYNC IN
AIPI
EEPROM nWP
nRPI BOOT
VCC 3P3
RX
TX
GND
VC4
VC2
VC3
VC1
ESD38
ESD36
ESD37
ESD35
ESD34
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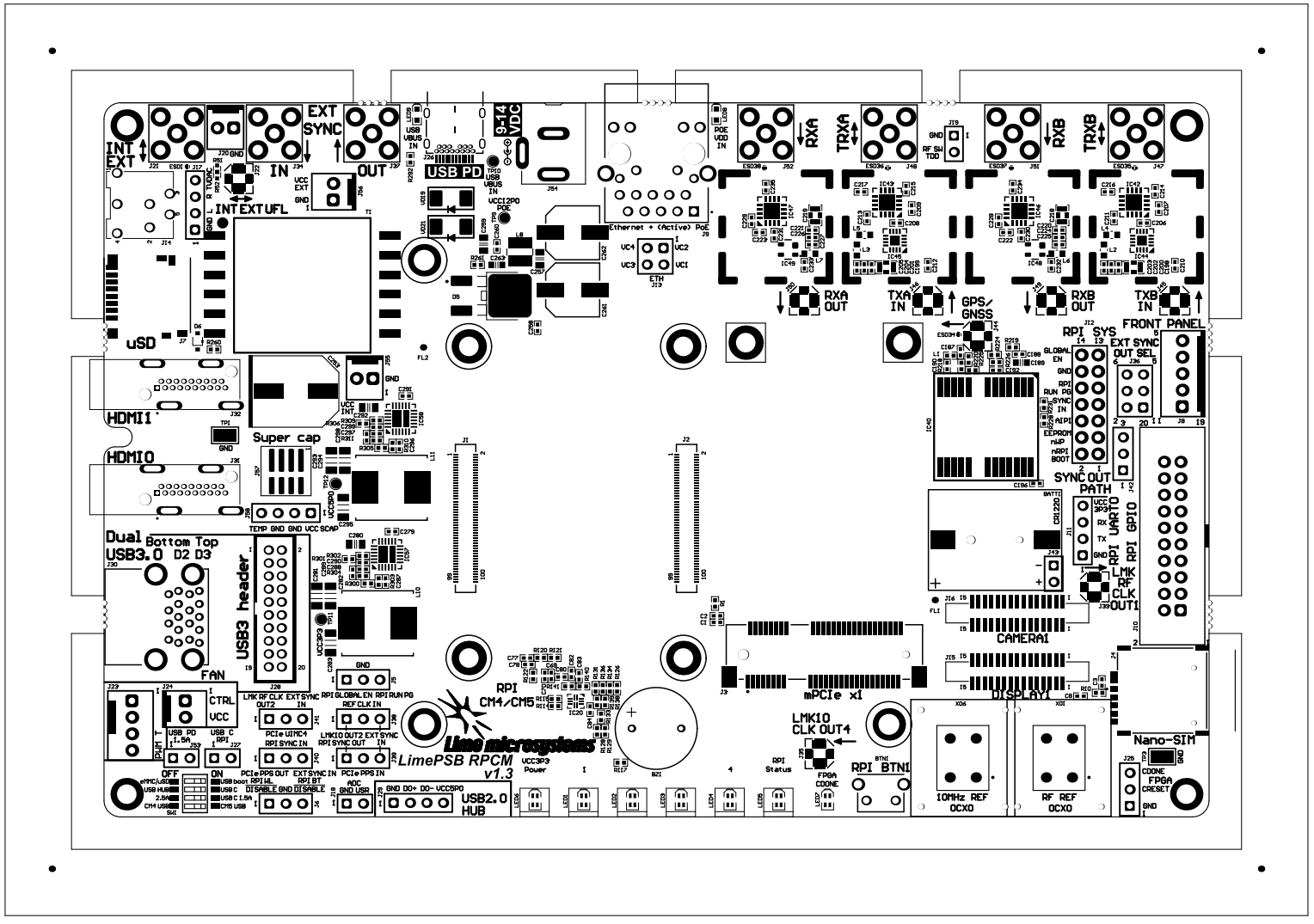
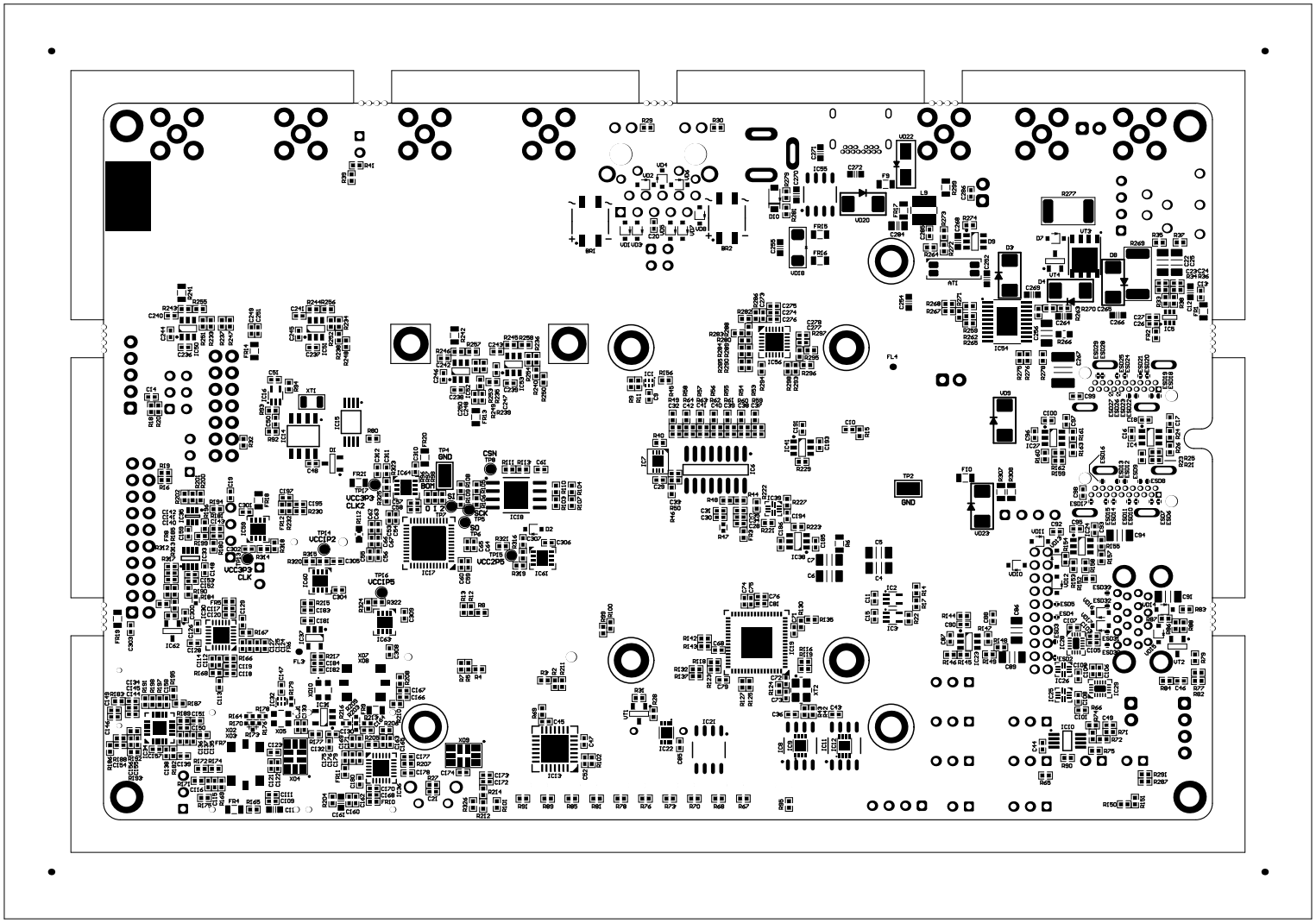
J50
J13
J28
X06
X01
BATT1
CR1220
BTN1
BZ1
FL1
FL2
LED6
LED1
LED2
LED3
LED4
LED5
LED7
LED8
LED9
TP1
TP2
TP3
TP9
TP10
TP11
TP12
TP13
GND

CSN
SI
SCK
SO
GND
VCC3P3
CLK2
VCC3P3
CLK
VCCIP2
VCCIP5
VCC2P5
GND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