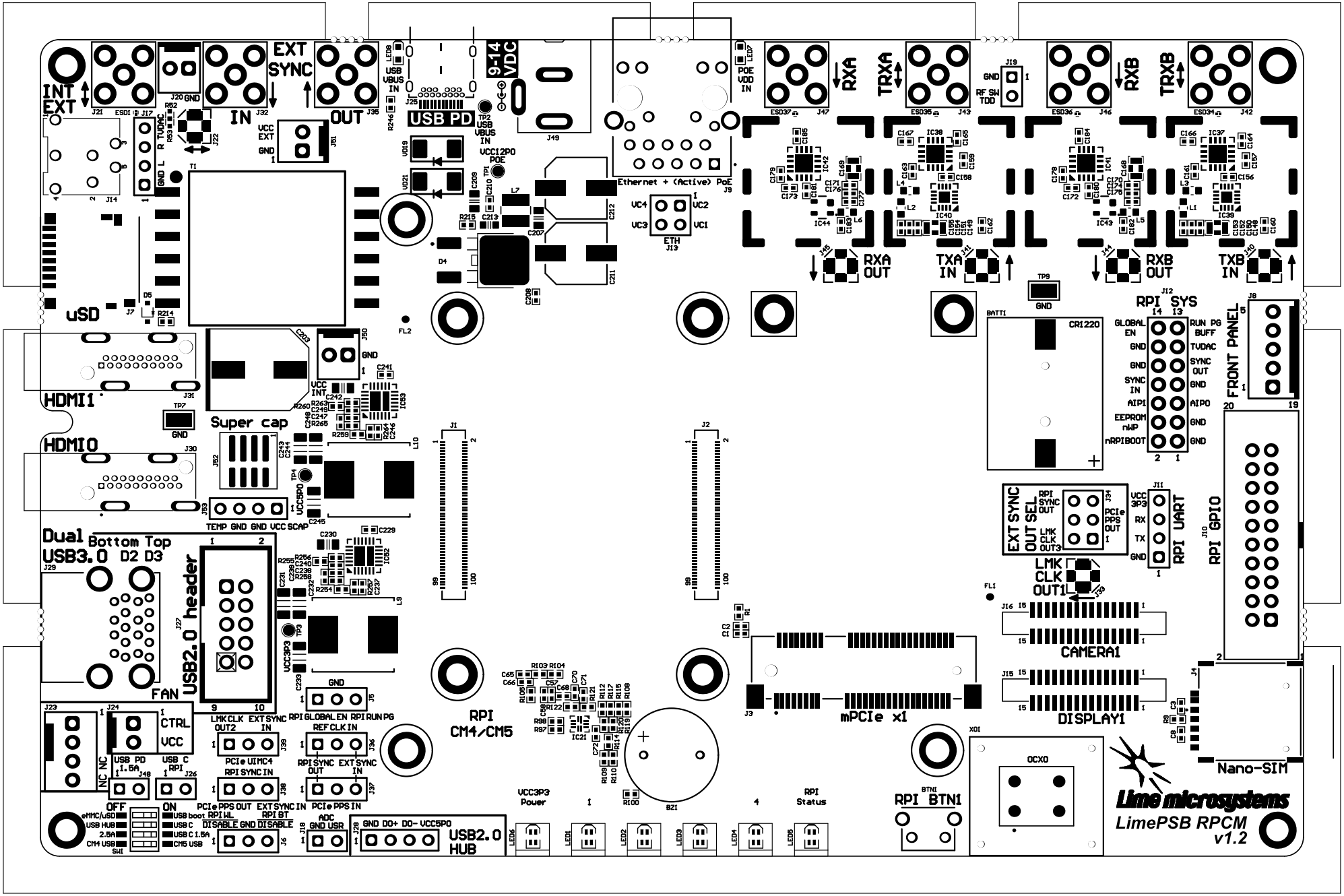
INT
EXT
EXT SYNC
IN
OUT
9-14 VDC
USB PD
USB VBUS IN
VCC12P0 POE
Ethernet + (Active) PoE
ETH
RXA
TRXA
RXB
TRXB
RXA OUT
TXA IN
RXB OUT
TXB IN
RF SW TDD
POE VDD IN
uSD
HDMI1
HDMI0
Super cap
TEMP GND GND VCC SCAP
Dual USB3.0
Bottom Top
D2 D3
USB2.0 header
FAN
CTRL
VCC
USB PD 1.5A
USB C RPI
LMK CLK OUT2
EXT SYNC IN
RPI GLOBAL EN
RPI RUN PG
REF CLK IN
PCIe UIMC4
RPI SYNC IN
RPI SYNC OUT
EXT SYNC IN
OFF
ON
eMMC/uSD
USB HUB
2.5A
CM4 USB
USB boot
USB C
USB C 1.5A
CM5 USB
PCIe PPS OUT
EXT SYNC IN
RPI BT
DISABLE GND DISABLE
ADC GND USR
PCIe PPS IN
GND DO+ DO- VCC5P0
USB2.0 HUB
RPI CM4/CM5
VCC3P3 Power
RPI Status
RPI BTN1
mPCIe x1
OCXO
CR1220
RPI SYS
GLOBAL EN
RUN PG BUFF
TVDAC
SYNC OUT
SYNC IN
AIPO
EEPROM nWP
nRPIBOOT
FRONT PANEL
RPI UART
RPI GPIO
EXT SYNC OUT SEL
RPI SYNC OUT
PCIe PPS OUT
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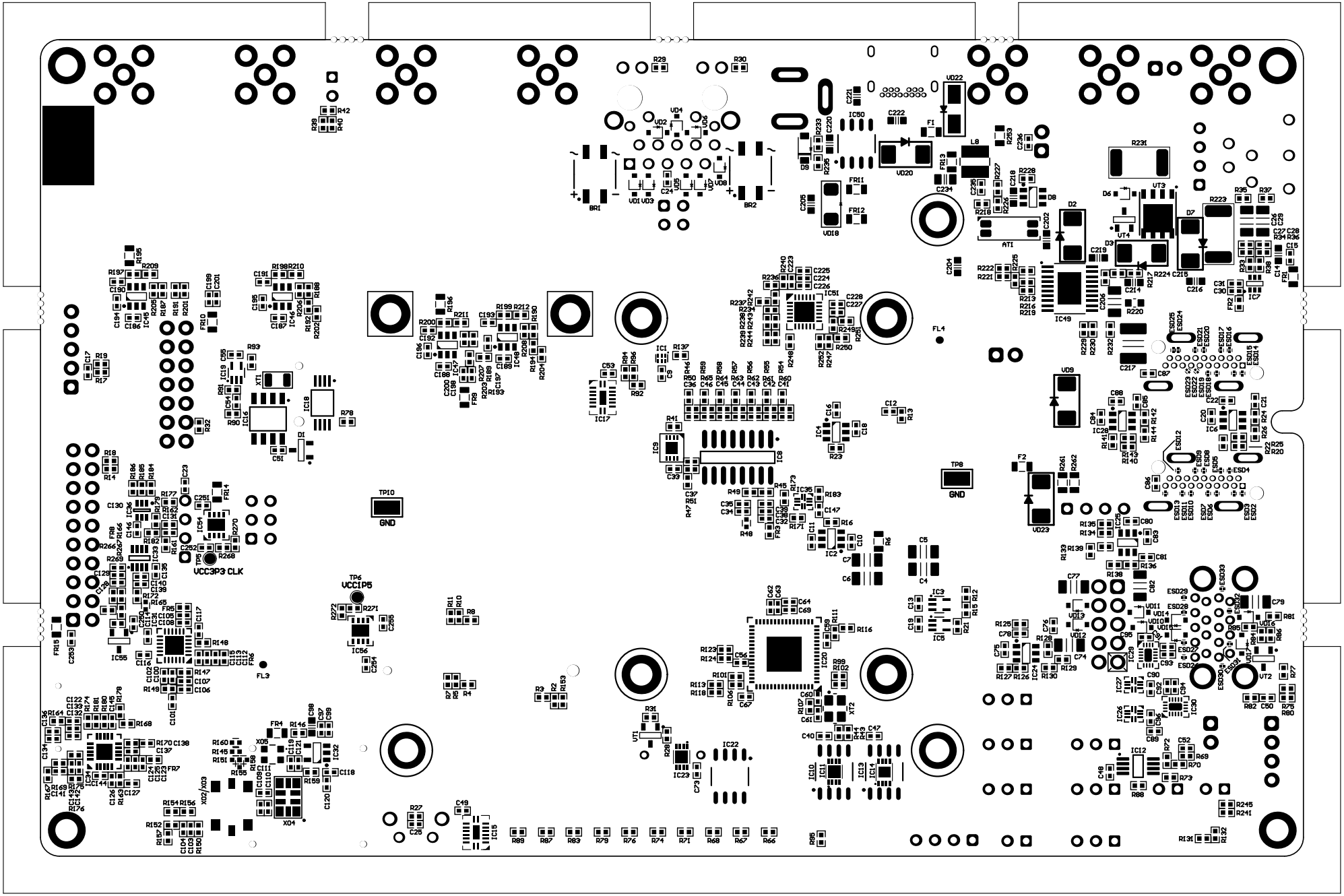
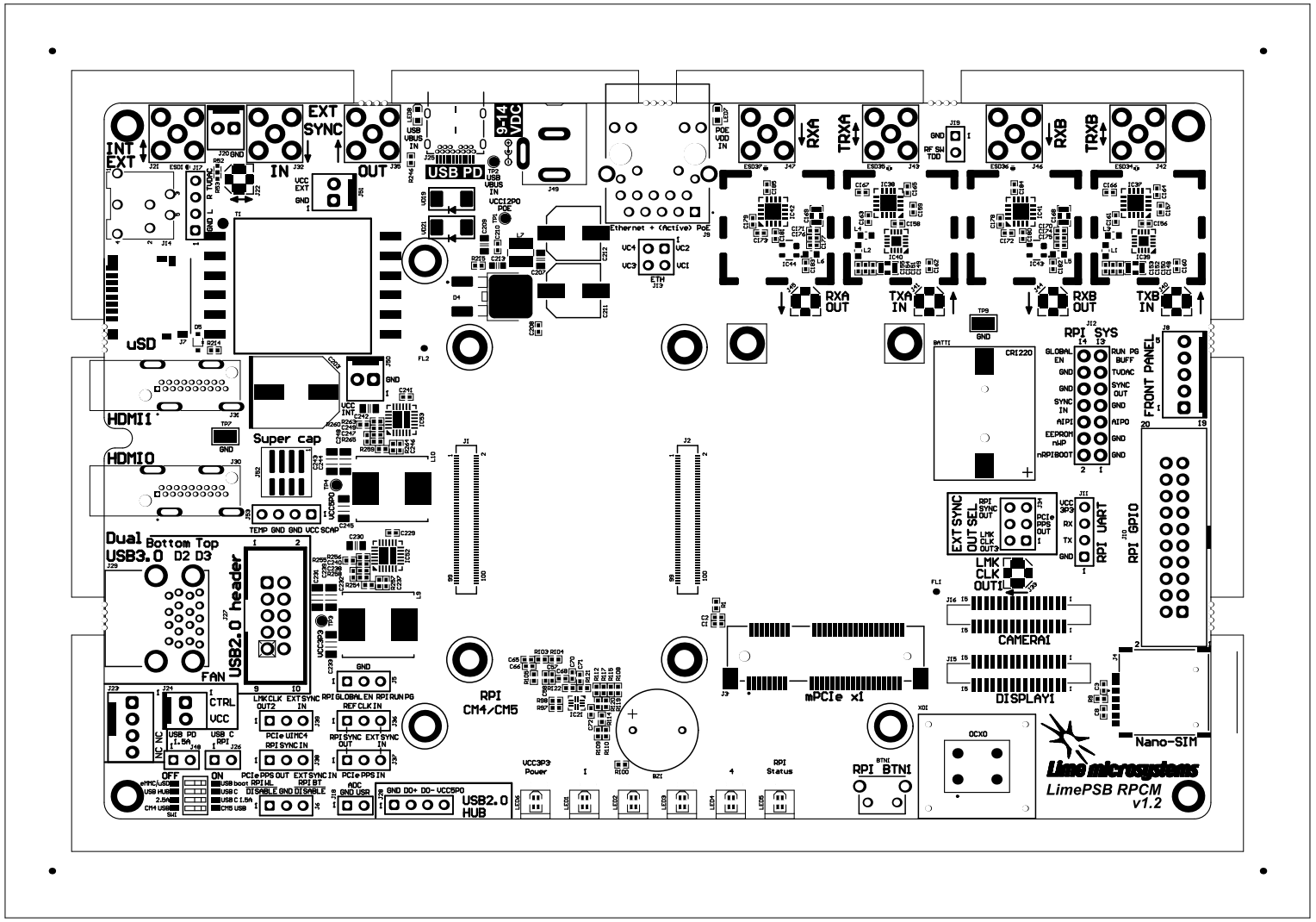
LMK CLK OUT1
CAMERA1
DISPLAY1
Nano-SIM
Lime microsystems
LimePSB RPCM
v1.2


VCC3P3 CLK
VCCIP5
GND
GND


INT
EXT
EXT
SYNC
IN
OUT
USB PD
9-14
VDC
RXA
TRXA
RXB
TRXB
RXA
OUT
TXA
IN
RXB
OUT
TXB
IN
uSD
HDMI1
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Dual
USB3.0
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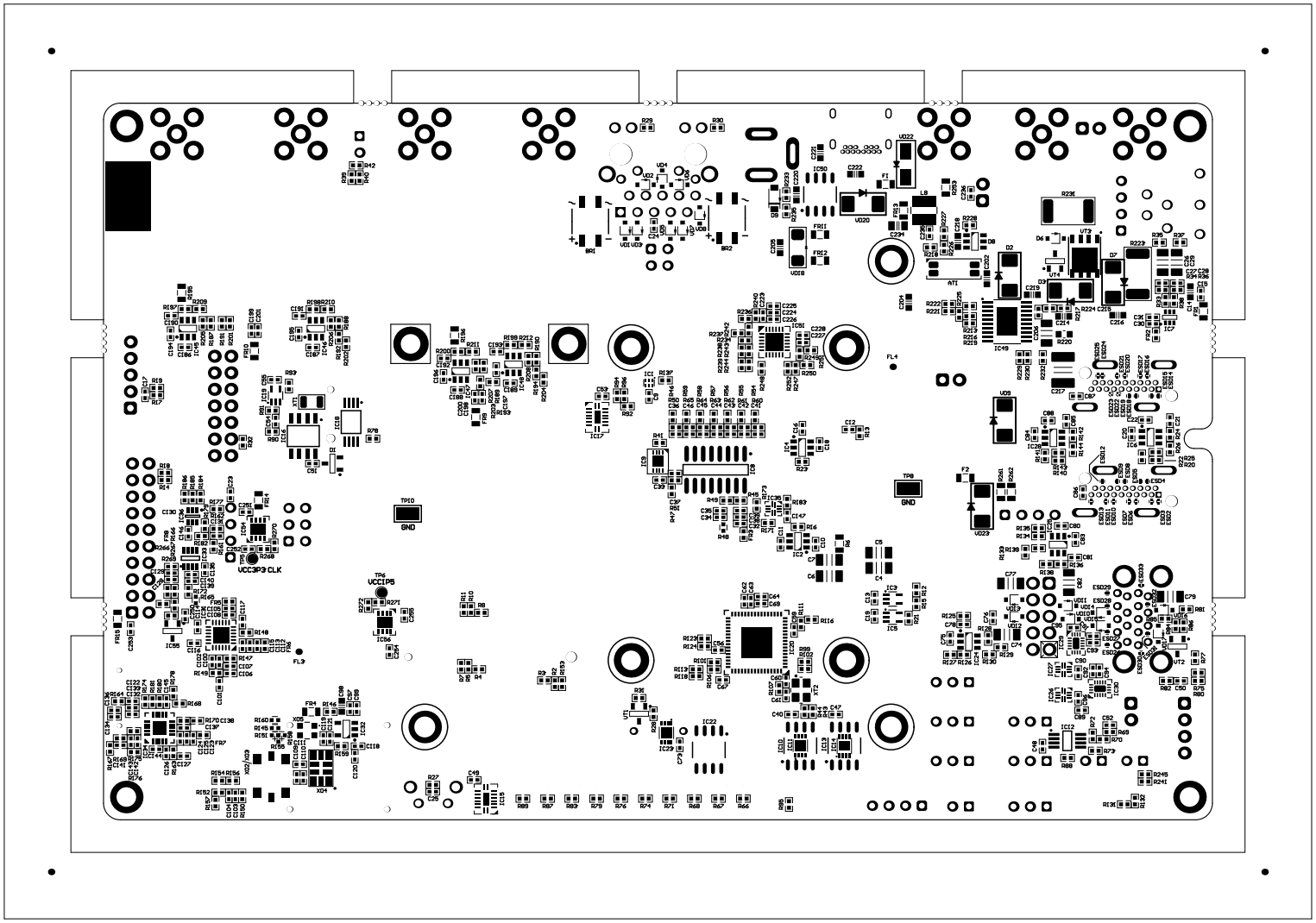
VCC3P3 CLK
VCCIP5
GND
GND