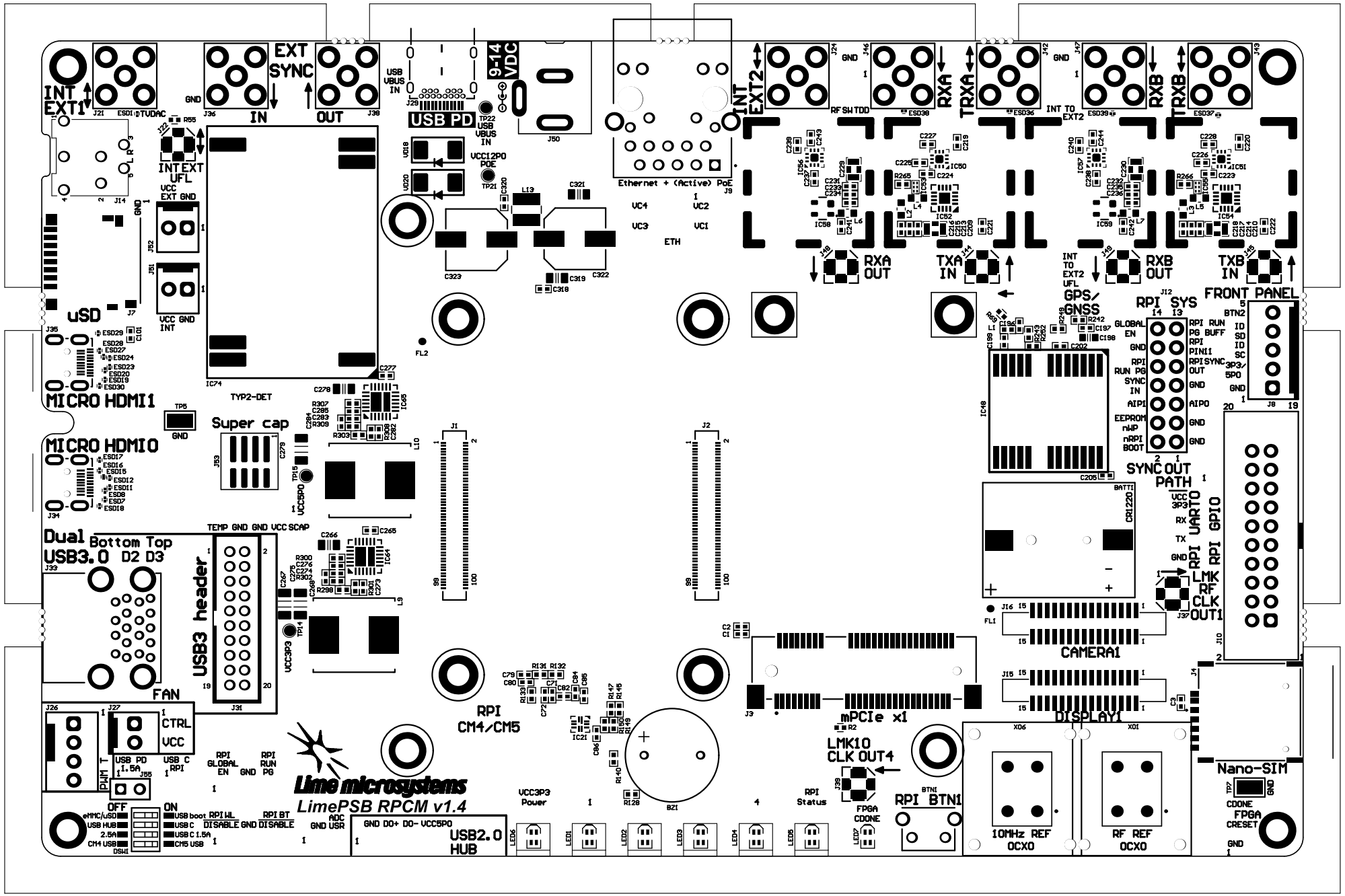
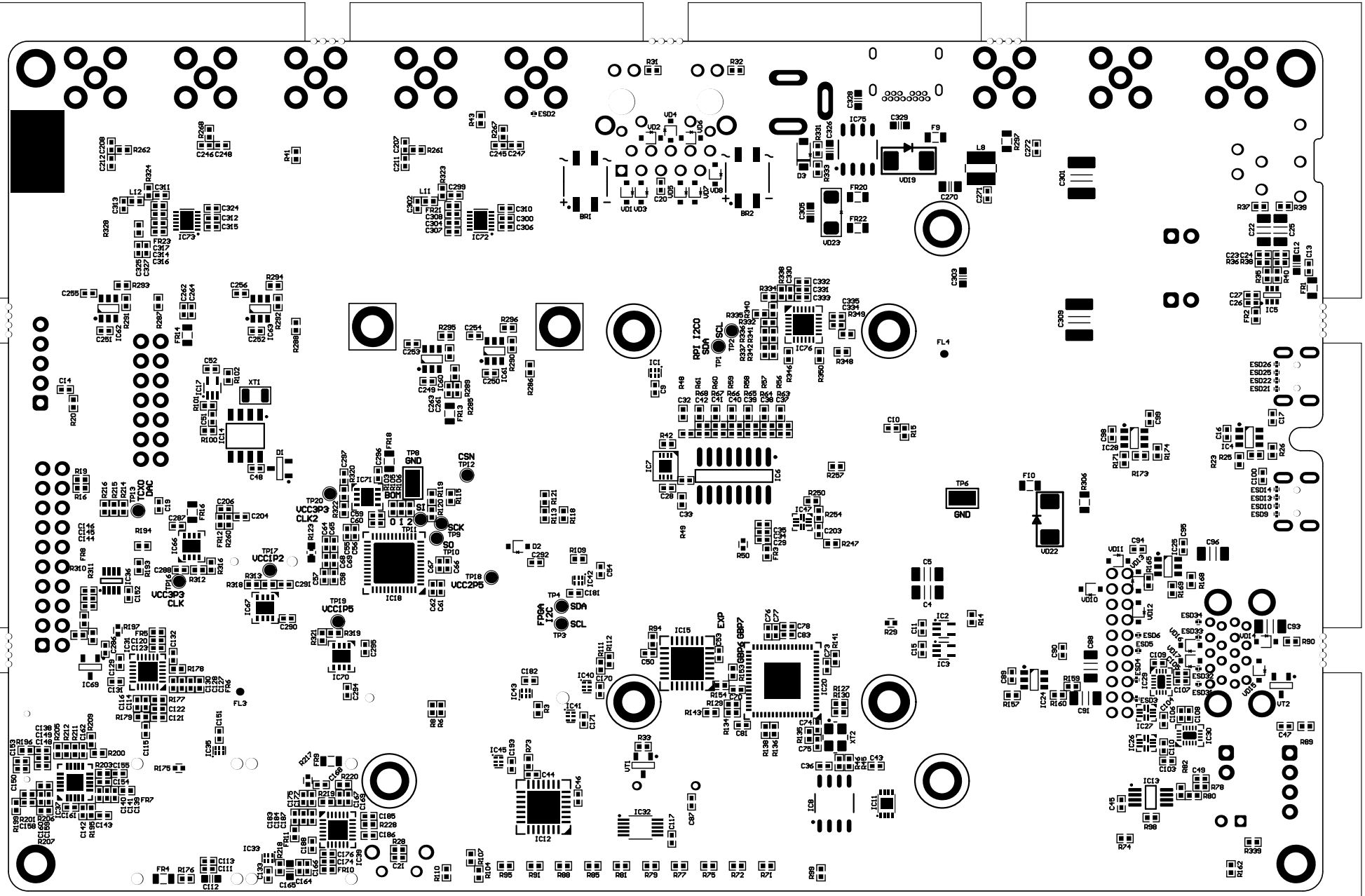
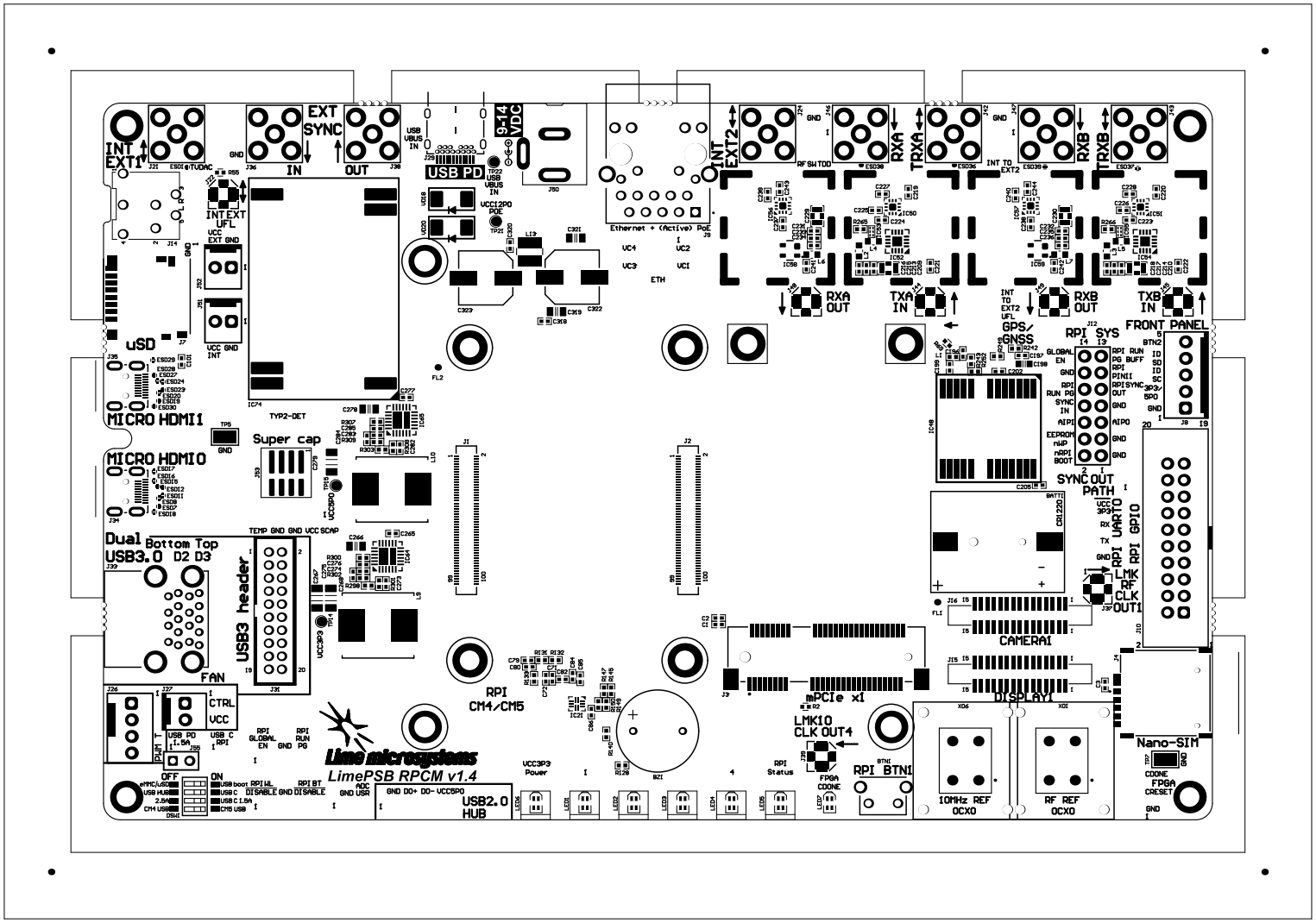

INT EXT1
EXT SYNC
IN
OUT
USB VBUS IN
USB PD
9-14 VDC
INT EXT2
RXA
TRXA
RXB
TRXB
Ethernet + (Active) PoE
ETH
INT EXT UFL
VCC EXT GND
VCC GND INT
uSD
MICRO HDMI1
MICRO HDMI0
TYP2-DET
Super cap
Dual USB3.0
Bottom Top
D2 D3
USB3 header
FAN
CTRL
VCC
USB PD 1.5A
USB C RPI
RPI GLOBAL EN
RPI RUN PG
Lime microsystems
LimePSB RPCM v1.4
OFF
ON
eMMC/uSD
USB HUB
2.5A
CM4 USB
USB boot
USB C
USB C 1.5A
CM5 USB
RPI WL DISABLE
RPI BT DISABLE
ADC GND USR
GND D0+ D0- VCC5P0
USB2.0 HUB
VCC3P3 Power
RPI Status
RPI CM4/CM5
LMK10 CLK OUT4
mPCIe x1
RPI BTN1
FPGA CDONE
10MHz REF OCXO
RF REF OCXO
Nano-SIM
FPGA CRESET
CAMERA1
DISPLAY1
GPS/ GNSS
RPI SYS
FRONT PANEL
SYNC OUT PATH
RPI UART0
RPI GPIO
LMK RF CLK OUT1
GLOBAL EN
RPI RUN PG BUFF
RPI PIN11
RPI SYNC OUT
RPI RUN PG
SYNC IN
AIPI
AIPO
EEPROM nWP
nRPI BOOT
BTN2
ID SD
ID SC
3P3/ 5P0
VCC 3P3
RX
TX
CR1220
BATT1
TEMP GND GND VCC SCAP
VCC5P0
VCC3P3
VC4
VC3
VC2
VC1
RF SWTDD
INT TO EXT2
INT TO EXT2 UFL
VCC12P0 POE
USB VBUS IN
TVDAC
ESD1
GND


RPI I2C
SDA
SCL
CSN
SI
SCK
SO
TCXO
DAC
VCC3P3
CLK2
VCC3P3
CLK
VCCIP2
VCCIP5
VCC2P5
FPGA
I2C
SDA
SCL
GND
GND
EXP
GBP6
GBP7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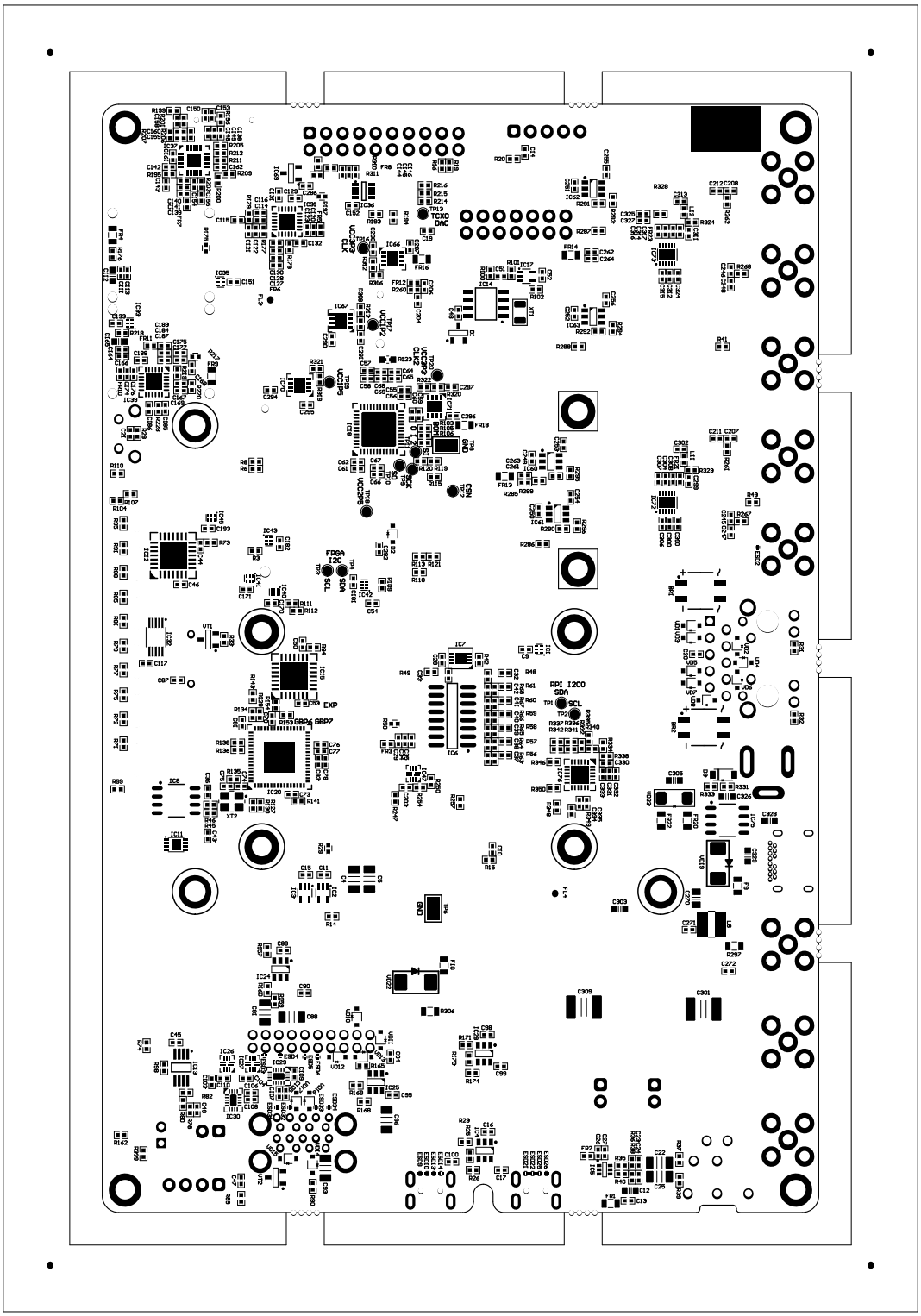
TCXO
DAC
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I2C
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SCL
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GBPA
GBP7
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SDA
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