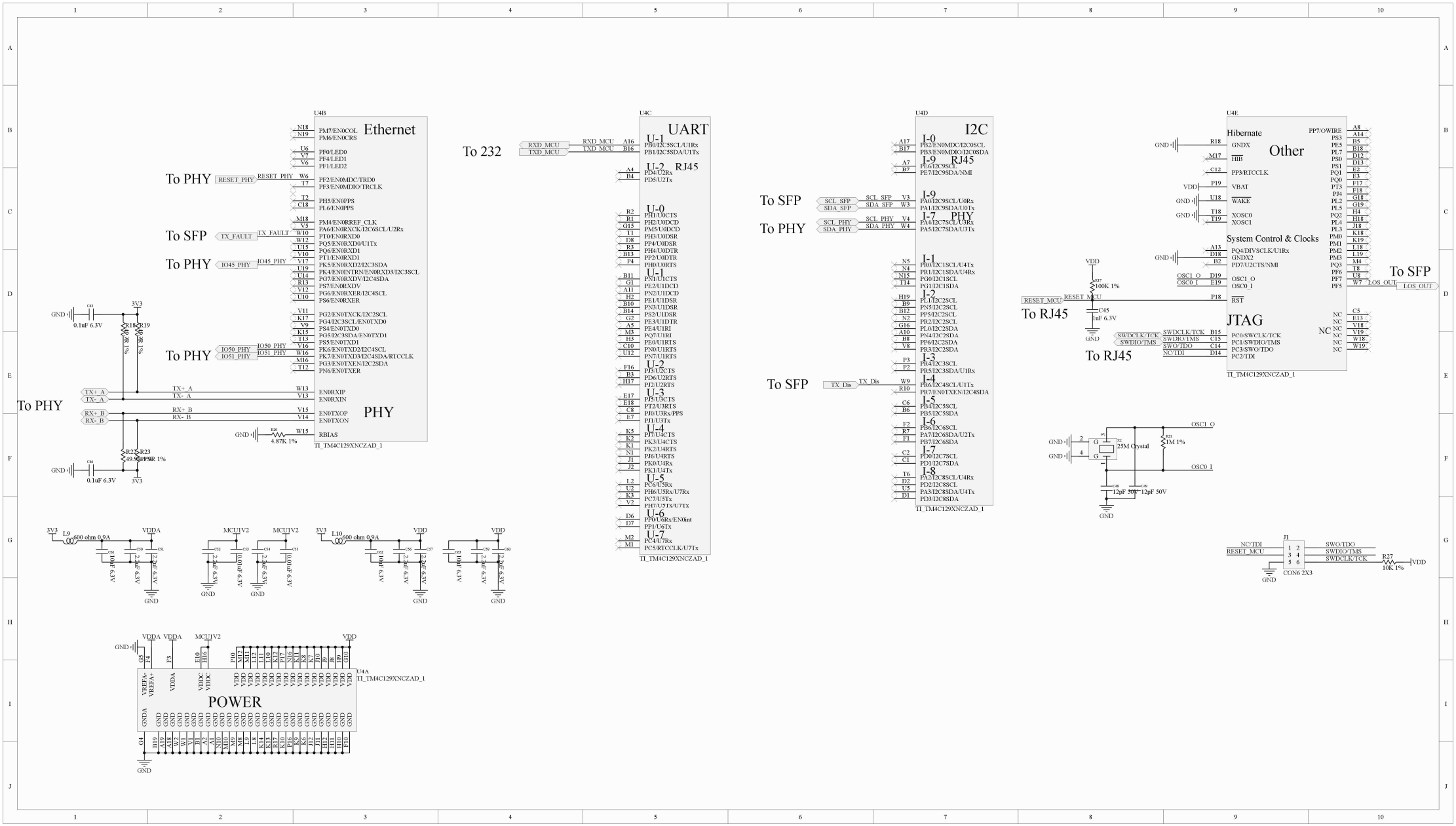
U4B
Ethernet
PHY
To PHY
To SFP
RESET_PHY
TX_FAULT
IO45_PHY
IO50_PHY
IO51_PHY
TX+_A
TX-_A
RX+_B
RX-_B
TI_TM4C129XNCZAD_1
U4C
UART
To 232
RXD_MCU
TXD_MCU
RJ45
U4D
I2C
To SFP
To PHY
SCL_SFP
SDA_SFP
SCL_PHY
SDA_PHY
TX_Dis
U4E
Other
Hibernate
System Control & Clocks
JTAG
NC
To SFP
LOS_OUT
To RJ45
RESET_MCU
OSC1_O
OSC0_I
SWDCLK/TCK
SWDIO/TMS
SWO/TDO
NC/TDI
25M Crystal
1M 1%
12pF 50V
100K 1%
1uF 6.3V
0.1uF 6.3V
4.87K 1%
49.9R 1%
U4A
POWER
VDDA
MCU1V2
VDD
GND
L9
L10
600 ohm 0.9A
10uF 6.3V
2.2uF 6.3V
0.01uF 6.3V
J1
CON6 2X3
10K 1%