

COMMUNICTOR BLOCKDIAGRAM

U_ESP32_WROVER
ESP32_WROVER.SchDoc

RST#
REF_CLK_50M

ETH_MDC
ETH_MDIO

RMII_TXD0
RMII_TXD1

RMII_RXD0
RMII_RXD1

RMII_TXEN
RMII_RXER
RMII_CRS_DV

U_Ethernet
Ethernet.SchDoc

RST#
REF_CLK_50M

ETH_MDC
ETH_MDIO

RMII_TXD0
RMII_TXD1

RMII_RXD0
RMII_RXD1

RMII_TXEN
RMII_RXER
RMII_CRS_DV

TD_P
TD_N

RD_P
RD_N

LED0

U_RJ_45
RJ_45.SchDoc

TD_P
TD_N

RD_P
RD_N

LED0

Title **Cognota_Communicator**

Size: A Number: 1 Revision: 0

Sheet Name: BLOCK_DIAGRAM.SchDoc

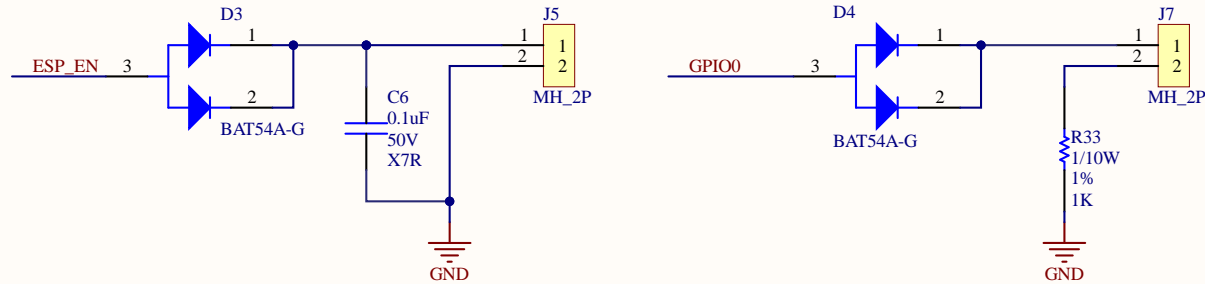
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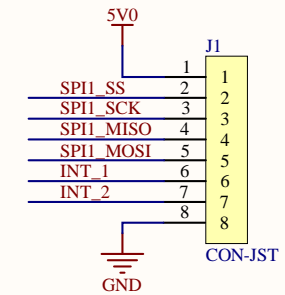
OoB Services
F/439, Sumel-11,
Shahibag,
Ahmedabad-380004



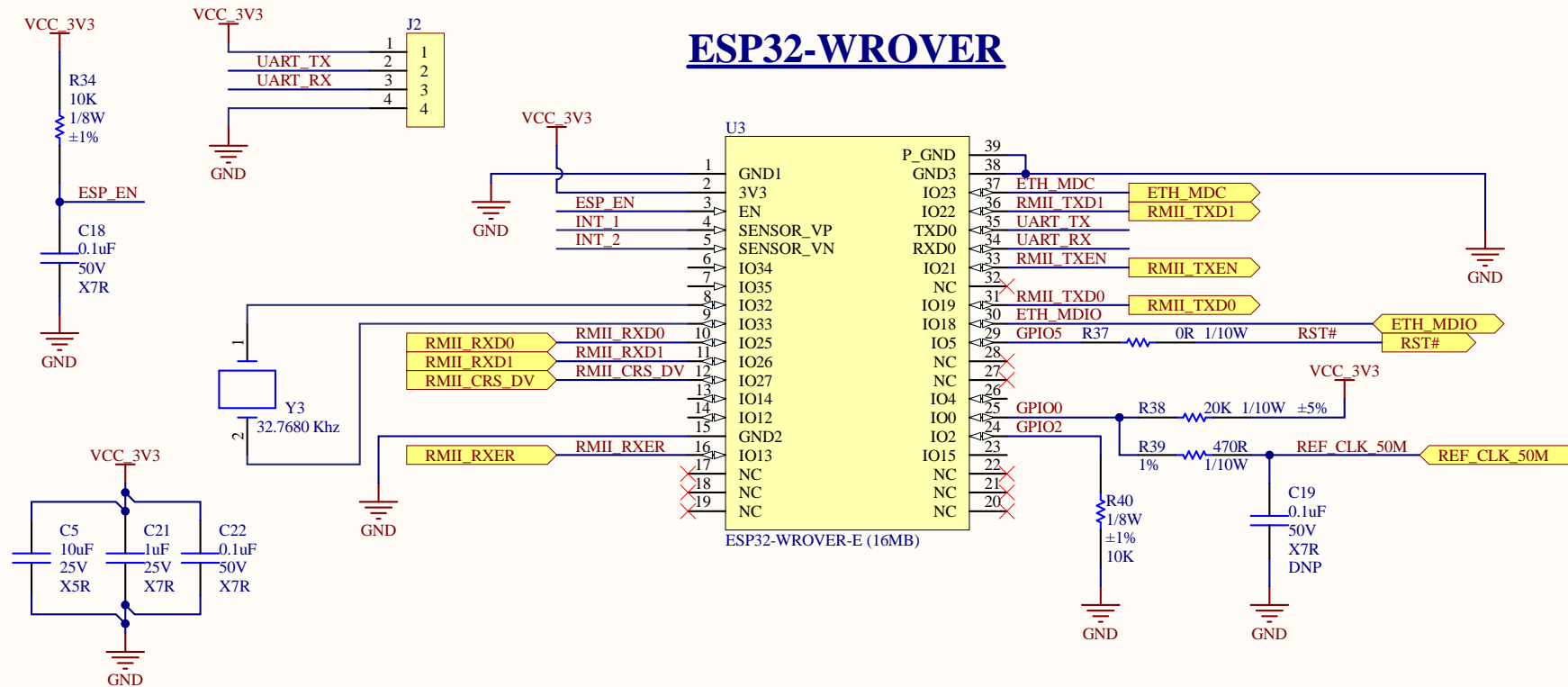
KEYS



OUTPUT



ESP32-WROVER



Title **Cognota_Communicator**

Size: A Number: 1 Revision: 0

Sheet Name: ESP32_WROVER.SchDoc

Date: 08-Dec-21 Time: 2:53:52 PM Sheet * of *

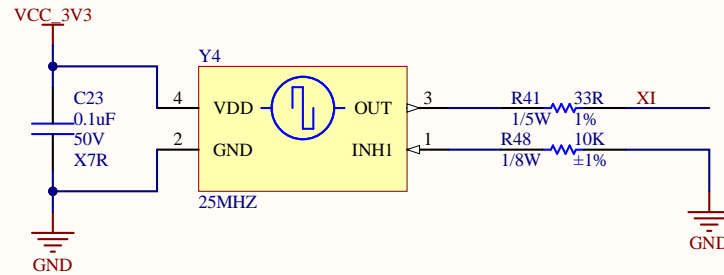
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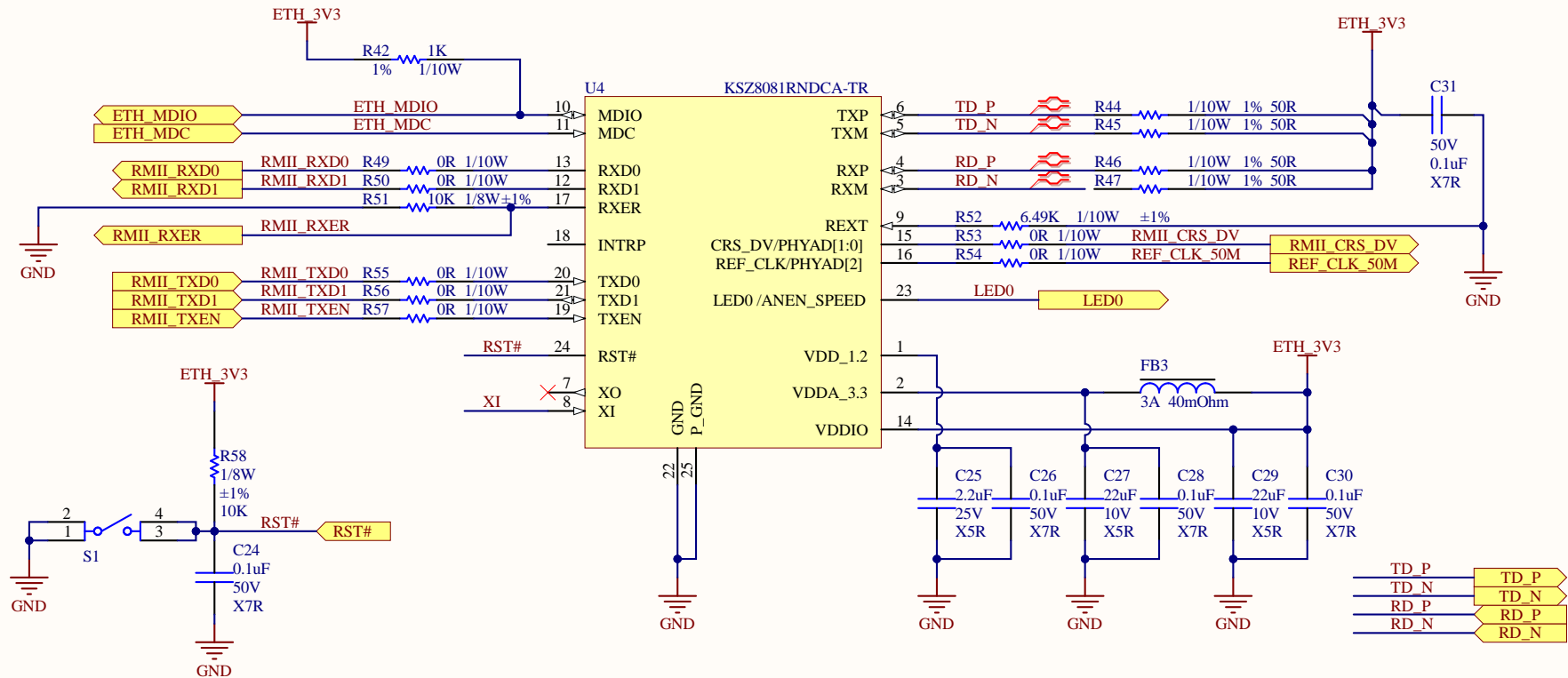
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CRYSTAL 25MHZ



ETHERNET IC



Title **Cognota_Communicator**

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Sheet Name: Ethernet.SchDoc

Date: 08-Dec-21 Time: 2:53:52 PM Sheet * of *

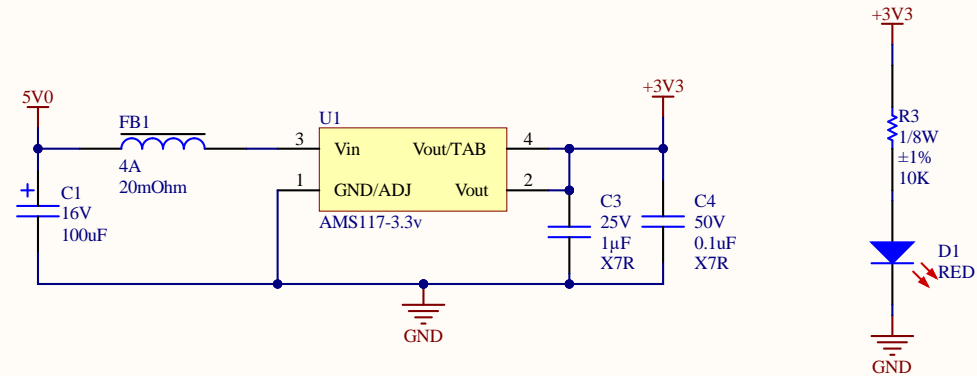
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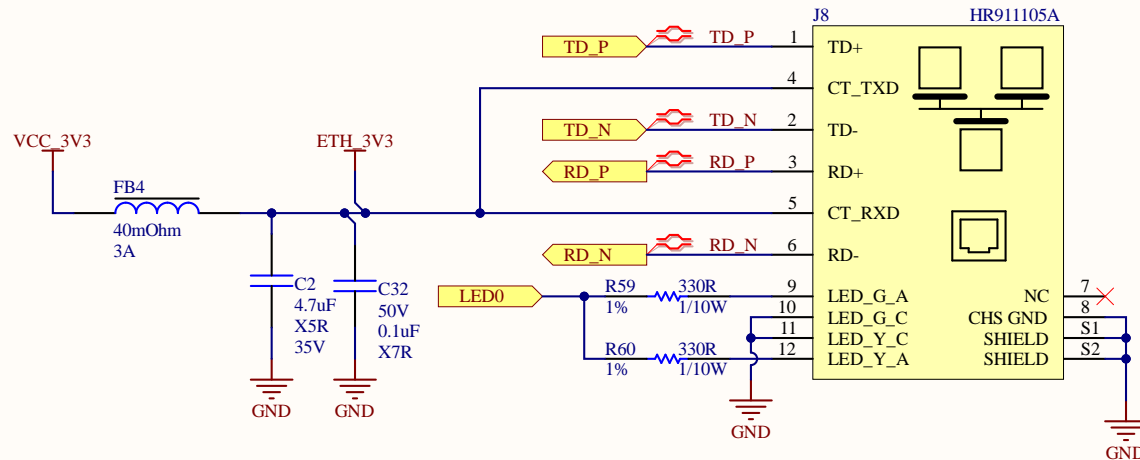
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VDC Supply 3.3V



RJ 45 CONNECTOR



Title **Cognota_Communicator**

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Sheet Name: RJ_45.SchDoc

Date: 08-Dec-21 Time: 2:53:52 PM Sheet * of *

Drafter: AC

Client:

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