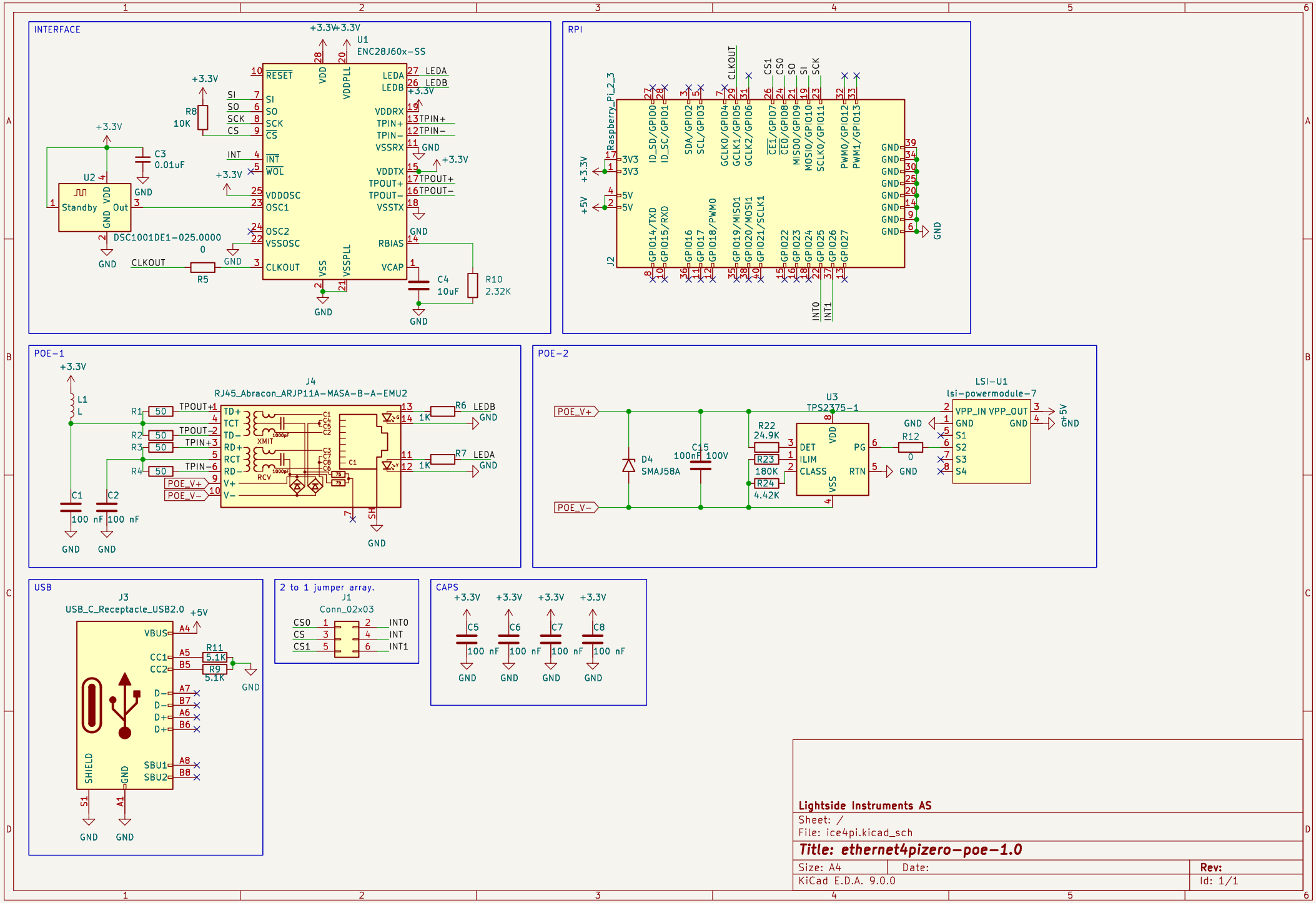
INTERFACE
U1
ENC28J60x-SS
+3.3V
RESET
SI
SO
SCK
CS
INT
WOL
VDD
VDDPLL
VDDOSC
OSC1
OSC2
VSSOSC
CLKOUT
VSS
VSSPLL
LEDA
LEDB
VDDRX
TPIN+
TPIN−
VSSRX
VDDTX
TPOUT+
TPOUT−
VSSTX
RBIAS
VCAP
GND
R8
10K
C3
0.01uF
U2
Standby
Out
DSC1001DE1-025.0000
0
R5
C4
10uF
R10
2.32K
RPI
Raspberry_Pi_2_3
3V3
5V
J2
ID_SD/GPIO0
ID_SC/GPIO1
SDA/GPIO2
SCL/GPIO3
GCLK0/GPIO4
GCLK1/GPIO5
GCLK2/GPIO6
CE1/GPIO7
CE0/GPIO8
MISO0/GPIO9
MOSI0/GPIO10
SCLK0/GPIO11
PWM0/GPIO12
PWM1/GPIO13
GPIO14/TXD
GPIO15/RXD
GPIO16
GPIO17
GPIO18/PWM0
GPIO19/MISO1
GPIO20/MOSI1
GPIO21/SCLK1
GPIO22
GPIO23
GPIO24
GPIO25
GPIO26
GPIO27
CLKOUT
CS1
CS0
SO
SI
SCK
INT0
INT1
POE-1
J4
RJ45_Abracon_ARJP11A-MASA-B-A-EMU2
L1
TPOUT+
TPOUT−
TPIN+
TPIN−
TD+
TCT
TD−
RD+
RCT
RD−
V+
V−
XMIT
RCV
POE_V+
POE_V−
R6
LEDB
R7
LEDA
1K
C1
C2
100 nF
POE-2
U3
TPS2375-1
LSI-U1
lsi-powermodule-7
D4
SMAJ58A
C15
100nF 100V
R22
24.9K
R23
180K
R24
4.42K
DET
ILIM
CLASS
PG
RTN
R12
VPP_IN
VPP_OUT
S1
S2
S3
S4
+5V
USB
J3
USB_C_Receptacle_USB2.0
VBUS
CC1
CC2
D−
D+
SBU1
SBU2
SHIELD
R11
5.1K
R9
5.1K
2 to 1 jumper array.
J1
Conn_02x03
CS0
CS
CS1
INT0
INT
INT1
CAPS
C5
C6
C7
C8
100 nF
Lightside Instruments AS
Sheet: /
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Title: ethernet4pizero-poe-1.0
Size: A4
Date:
Rev:
KiCad E.D.A. 9.0.0
Id: 1/1