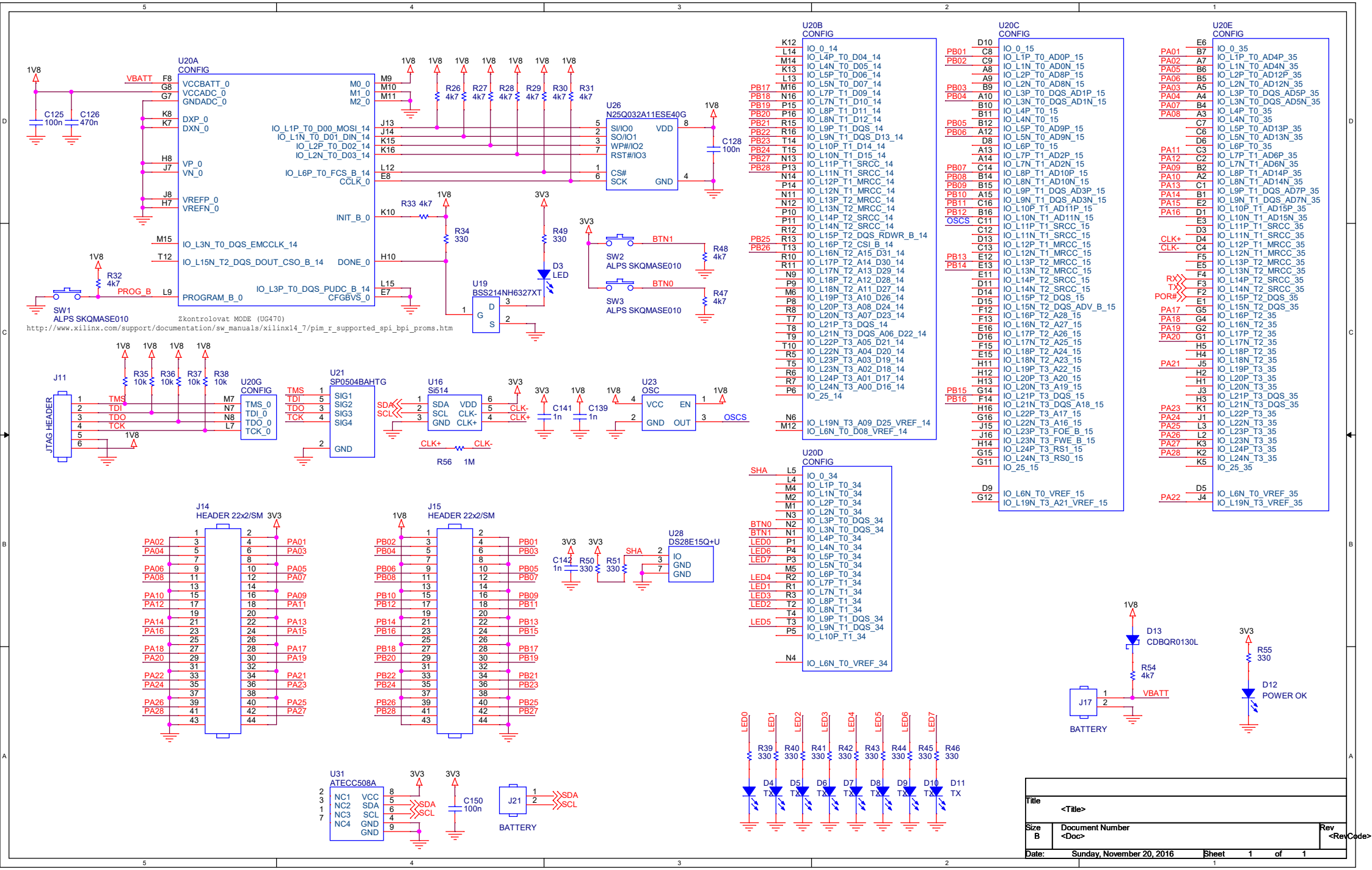
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VCCADC_0
GNDADC_0
DXP_0
DXN_0
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VN_0
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VREFN_0
IO_L3N_T0_DQS_EMCCLK_14
IO_L15N_T2_DQS_DOUT_CSO_B_14
PROGRAM_B_0
M0_0
M1_0
M2_0
IO_L1P_T0_D00_MOSI_14
IO_L1N_T0_D01_DIN_14
IO_L2P_T0_D02_14
IO_L2N_T0_D03_14
IO_L6P_T0_FCS_B_14
CCLK_0
INIT_B_0
DONE_0
IO_L3P_T0_DQS_PUDC_B_14
CFGBVS_0
U20B
CONFIG
U20C
CONFIG
U20D
CONFIG
U20E
CONFIG
U20G
CONFIG
U21
SP0504BAHTG
U23
OSC
U26
N25Q032A11ESE40G
SI/IO0
SO/IO1
WP#/IO2
RST#/IO3
CS#
SCK
VDD
GND
U16
Si514
SDA
SCL
VDD
CLK-
CLK+
GND
U19
BSS214NH6327XT
U28
DS28E15Q+U
U31
ATECC508A
NC1
NC2
NC3
NC4
VCC
SDA
SCL
GND
J11
JTAG HEADER
J14
HEADER 22x2/SM
J15
HEADER 22x2/SM
J17
BATTERY
J21
BATTERY
SW1
ALPS SKQMASE010
SW2
ALPS SKQMASE010
SW3
ALPS SKQMASE010
D3
LED
D4
D5
D6
D7
D8
D9
D10
D11
D12
POWER OK
D13
CDBQR0130L
C125
100n
C126
470n
C128
100n
C141
1n
C139
1n
C142
1n
C150
100n
R32
4k7
R33
4k7
R34
330
R35
10k
R36
10k
R37
10k
R38
10k
R39
330
R40
330
R41
330
R42
330
R43
330
R44
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R45
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R46
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R47
4k7
R48
4k7
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330
R50
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R51
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R54
4k7
R55
330
R56
1M
Zkontrolovat MODE (UG470)
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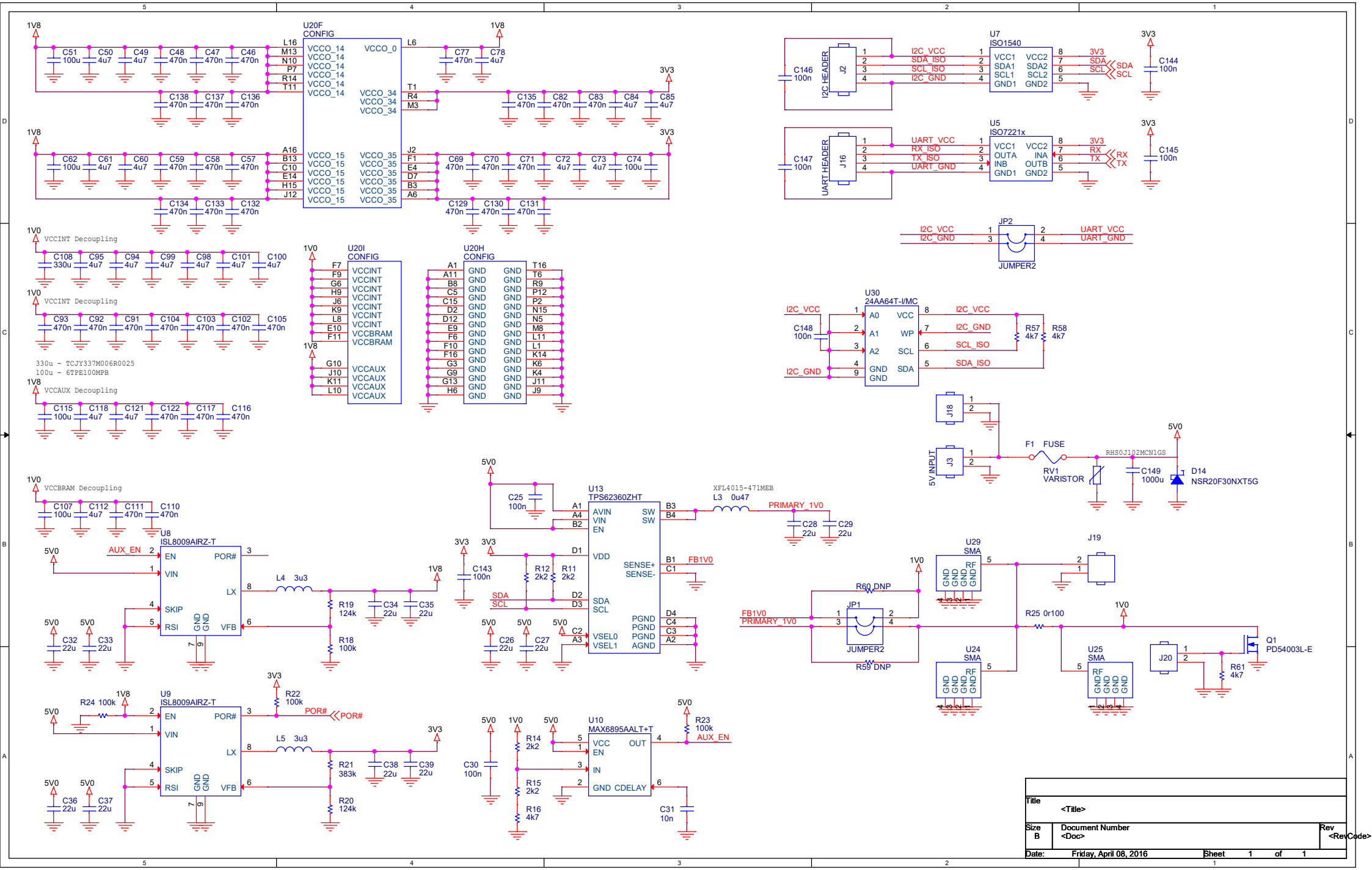
U20F
CONFIG
VCCO_14
VCCO_0
VCCO_34
VCCO_15
VCCO_35
1V8
3V3
C51 100u
C50 4u7
C49 4u7
C48 470n
C47 470n
C46 470n
C77 470n
C78 4u7
C138 470n
C137 470n
C136 470n
C135 470n
C82 470n
C83 470n
C84 4u7
C85 4u7
C62 100u
C61 4u7
C60 4u7
C59 470n
C58 470n
C57 470n
C69 470n
C70 470n
C71 470n
C72 4u7
C73 4u7
C74 100u
C134 470n
C133 470n
C132 470n
C129 470n
C130 470n
C131 470n
U7
ISO1540
VCC1
VCC2
SDA1
SDA2
SCL1
SCL2
GND1
GND2
I2C HEADER
J2
I2C_VCC
SDA_ISO
SCL_ISO
I2C_GND
C146 100n
C144 100n
U5
ISO7221x
VCC1
VCC2
OUTA
INA
INB
OUTB
GND1
GND2
UART HEADER
J16
UART_VCC
RX_ISO
TX_ISO
UART_GND
C147 100n
C145 100n
JP2
JUMPER2
VCCINT Decoupling
C108 330u
C95 4u7
C94 4u7
C99 4u7
C98 4u7
C101 4u7
C100 4u7
C93 470n
C92 470n
C91 470n
C104 470n
C103 470n
C102 470n
C105 470n
330u - TCJY337M006R0025
100u - 6TPE100MPB
VCCAUX Decoupling
C115 100u
C118 4u7
C121 4u7
C122 470n
C117 470n
C116 470n
U20I
CONFIG
VCCINT
VCCBRAM
VCCAUX
U20H
CONFIG
GND
U30
24AA64T-I/MC
A0
A1
A2
VCC
WP
SCL
SDA
C148 100n
R57 4k7
R58 4k7
J18
J3
5V INPUT
F1 FUSE
RV1
VARISTOR
RHS0J102MCN1GS
C149 1000u
D14
NSR20F30NXT5G
VCCBRAM Decoupling
C107 100u
C112 4u7
C111 470n
C110 470n
U8
ISL8009AIRZ-T
EN
VIN
SKIP
RSI
POR#
LX
VFB
AUX_EN
L4 3u3
R19 124k
R18 100k
C34 22u
C35 22u
C32 22u
C33 22u
U13
TPS62360ZHT
AVIN
VIN
EN
VDD
SDA
SCL
VSEL0
VSEL1
SW
SENSE+
SENSE-
PGND
AGND
XFL4015-471MEB
L3 0u47
PRIMARY_1V0
C25 100n
C28 22u
C29 22u
C143 100n
R12 2k2
R11 2k2
FB1V0
C26 22u
C27 22u
U29
SMA
RF
J19
R60 DNP
JP1
JUMPER2
R59 DNP
R25 0r100
U24
SMA
U25
SMA
J20
Q1
PD54003L-E
R61 4k7
R24 100k
U9
ISL8009AIRZ-T
R22 100k
L5 3u3
R21 383k
R20 124k
C38 22u
C39 22u
C36 22u
C37 22u
U10
MAX6895AALT+T
VCC
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IN
GND
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C30 100n
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