TP16
TP15
GND

J2
CLP-102-02-G-D-BE
MB2
1P1_EXT
GND

JP3 TP20
VDDIO AVDD_H_EXT
TP17
GND
J4
CLP-102-02-G-D-BE
MB4
GND

JP1
DVDD_1P1
AVDD_H
E2
100 Ω
AVDD_H_IN
C11
100 nF
GND
C3
680 nF
GND

JP2 TP18
VDDIO AVDD_L_EXT
TP19
GND
CLP-102-02-G-D-BE
J3
MB3
GND

DLDO_1P1
C4
100 nF
GND
C12
10 nF

TP7 VDDIO
TP6
GND
C1
100 nF
C2
10 nF
GND

AVDD_L
AVDD_L_IN
E1
100 Ω
C8
100 nF
C5
10 nF
GND

VDDIO VDDIO
D1 D2
R1 R3 R4
4.7 kΩ 4.7 kΩ 10 kΩ

J1
CLP-114-02-G-D-BE
1 2 RESET
3 4 LINK_ST
5 6 MISO
7 8 MOSI
9 10 TS_CAPT
11 12 SCK
13 14 VDDIO
15 16
17 18 SPI_CFG1
19 20 SWPD_EN
21 22 TX2P4_EN
23 24 TS_TIMER__MS_SEL
25 26 CS
27 28 INT
GND GND

TP2 CS 29 CS
TP9 SCK 38 SCLK
TP11 MOSI 1 SDI
TP12 MISO 2 SDO/SPI_CFG0
TP8 SPI_CFG1 37 SPI_CFG1
TP1 INT 25 INT
TP14 RESET 5 RESET
TP13 LINK_ST 4 LINK_ST
TP4 TX2P4_EN 31 TX2P4_EN
TP5 SWPD_EN 33 SWPD_EN
TP3 TS_TIMER__MS_SEL 30 TS_TIMER/MS_SEL
TP10 TS_CAPT 40 TS_CAPT

CLK25_REF
8 XTAL_I/CLK_IN
9 XTAL_O
26 TEST1
27 TEST2
19 CEXT_2 CEXT_2
20 CEXT_3 CEXT_3

VDDIO 35
DLDO_1P1 23
DVDD_1P1 24
AVDD_H 17
AVDD_H 16
AVDD_L 22
LED_0 6
LED_1 3

R8
4.99 kΩ
DATA_P
C13
220 nF
DATA_AND_POWER_P TP22

J5
CLP-102-02-G-D-BE
TP21

RXP 14 RXP
RXN 13 RXN
TXP 15 TXP
TXN 12 TXN
VDDIO

R9 4.99 kΩ
R5 R6 R7
10 kΩ 10 kΩ 49.9 Ω
R11 1 MΩ
D3 3.3 V
MB5 MB6

R2
1.5 kΩ

R12 1 MΩ
R10 49.9 Ω
DATA_N
C14 220 nF
D4 3.3 V
GND GND

J6
CLP-102-02-G-D-BE
TP24
DATA_AND_POWER_N TP23

Y1
C7 15 pF
C10 15 pF
U1
ADIN1110CCPZ
41 EPAD
GND GND GND GND GND
C6 100 nF
C9 1 µF
GND GND

FID1 FID2 FID3
Fiducial Fiducial Fiducial

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