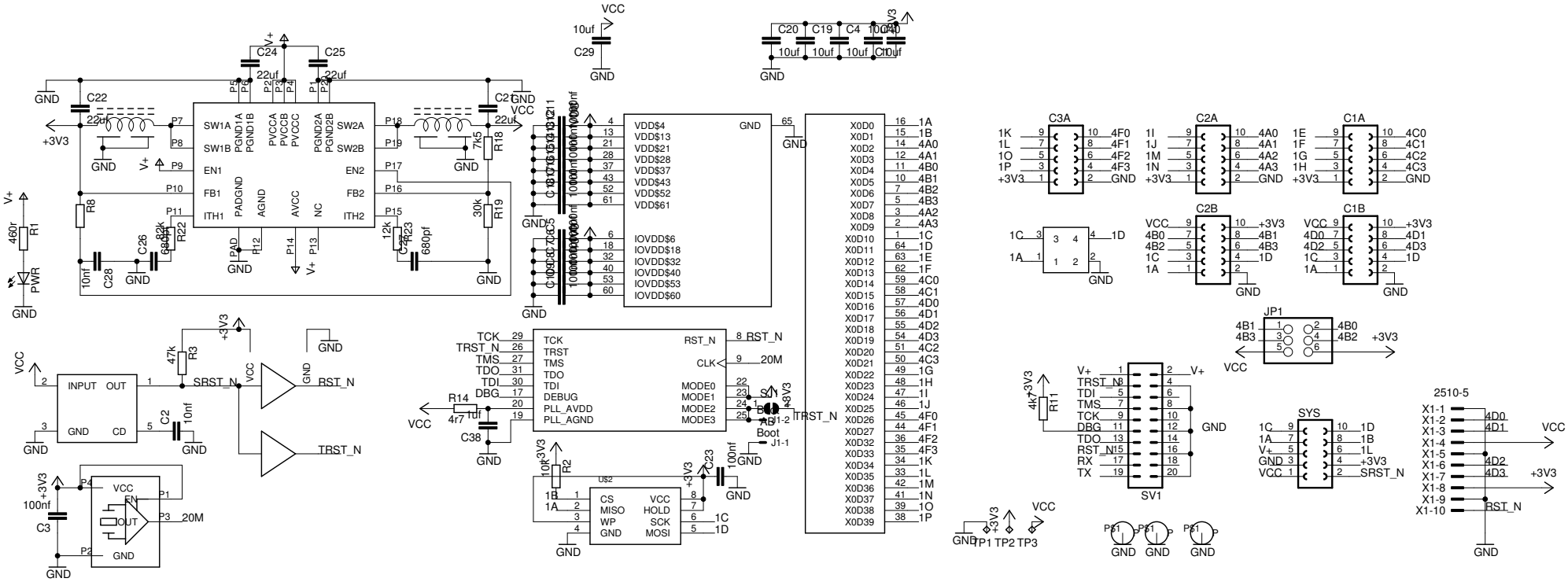
C24
C25
22uf
22uf
C22
22uf
C21
22uf
GND
+3V3
V+
SW1A
SW1B
EN1
FB1
ITH1
PGND1A
PGND1B
PVCCA
PVCCB
PVCCC
PGND2A
PGND2B
SW2A
SW2B
EN2
FB2
ITH2
PADGND
AGND
AVCC
NC
PAD
R8
R1
460r
PWR
C26
680pf
R22
82k
C28
10nf
R12
P14
P13
R23
680pf
C27
12k
7k5
R18
30k
R19
VCC
10uf
C29
C20
C19
C4
C10
10uf
VDD$4
VDD$13
VDD$21
VDD$28
VDD$37
VDD$43
VDD$52
VDD$61
IOVDD$6
IOVDD$18
IOVDD$32
IOVDD$40
IOVDD$53
IOVDD$60
X0D0
X0D1
X0D2
X0D3
X0D4
X0D5
X0D6
X0D7
X0D8
X0D9
X0D10
X0D11
X0D12
X0D13
X0D14
X0D15
X0D16
X0D17
X0D18
X0D19
X0D20
X0D21
X0D22
X0D23
X0D24
X0D25
X0D26
X0D27
X0D32
X0D33
X0D34
X0D35
X0D36
X0D37
X0D38
X0D39
1A
1B
4A0
4A1
4B0
4B1
4B2
4B3
4A2
4A3
1C
1D
1E
1F
4C0
4C1
4D0
4D1
4D2
4D3
4A3
1G
1H
1I
1J
4F0
4F1
4F2
4F3
1K
1M
1O
1P
C3A
C2A
C1A
C2B
C1B
JP1
4B1
4B3
4B0
4B2
+3V3
VCC
INPUT
OUT
GND
CD
47k
R3
SRST_N
C2
10nf
RST_N
TRST_N
TCK
TRST
TMS
TDO
TDI
DBG
DEBUG
PLL_AVDD
PLL_AGND
RST_N
CLK
20M
MODE0
MODE1
MODE2
MODE3
R14
1uf
4r7
C38
S1
Boot
J1-1
J1-2
100nf
C23
10k
R2
U$2
CS
MISO
WP
SCK
MOSI
HOLD
4k7
R11
SV1
SYS
2510-5
X1-1
X1-2
X1-3
X1-4
X1-5
X1-6
X1-7
X1-8
X1-9
X1-10
TP1
TP2
TP3
P$1
100nf
C3
OUT
20M