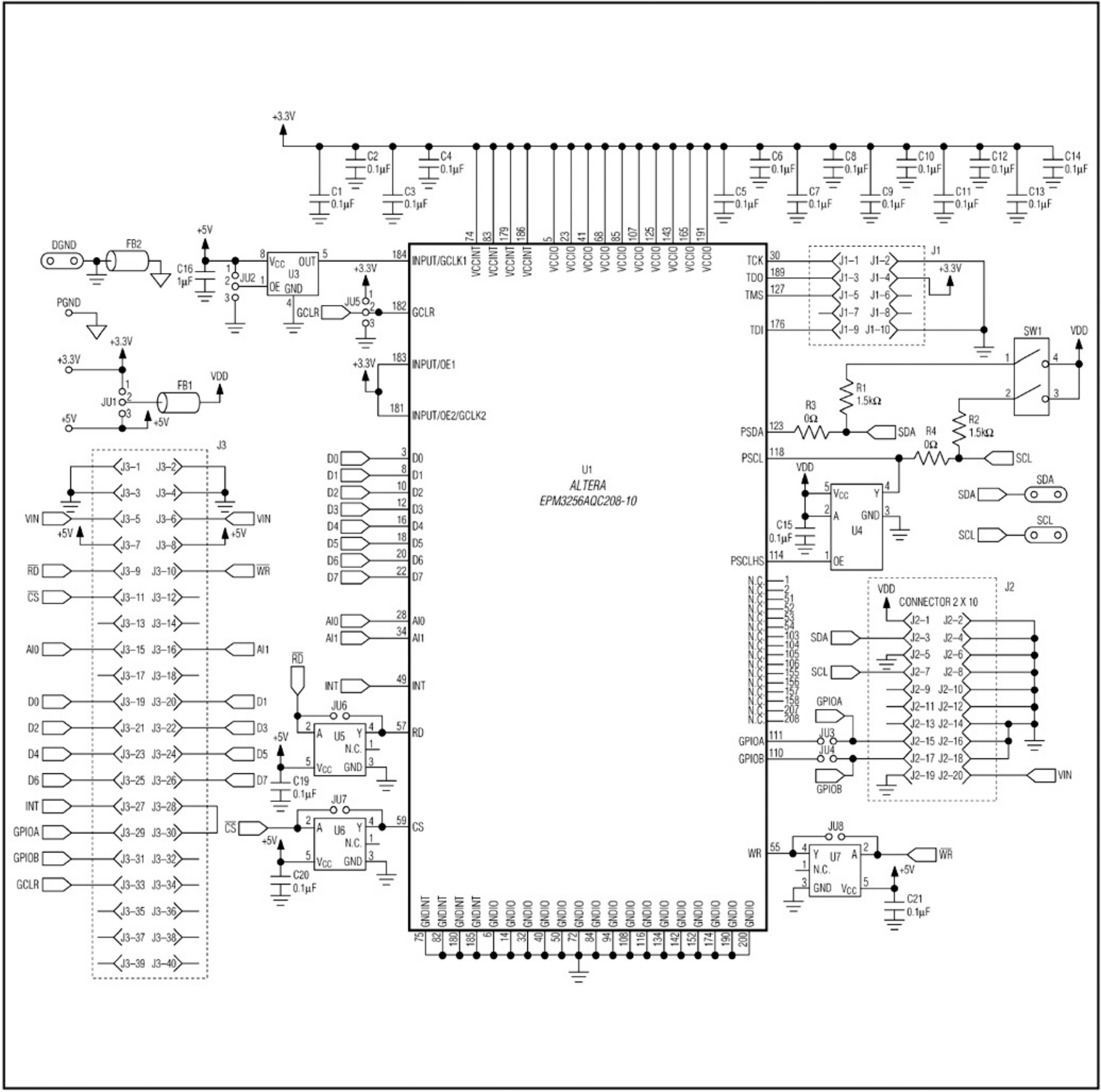
+3.3V
C1 0.1µF
C2 0.1µF
C3 0.1µF
C4 0.1µF
C5 0.1µF
C6 0.1µF
C7 0.1µF
C8 0.1µF
C9 0.1µF
C10 0.1µF
C11 0.1µF
C12 0.1µF
C13 0.1µF
C14 0.1µF
DGND
FB2
PGND
+5V
C16 1µF
JU2
U3
VCC OUT OE GND
GCLR
JU5
JU1
FB1
VDD
U1
ALTERA
EPM3256AQC208-10
INPUT/GCLK1
INPUT/OE1
INPUT/OE2/GCLK2
GCLR
VCCINT
VCCIO
GND/INT
GND/IO
J1
TCK
TDO
TMS
TDI
J1-1 J1-2 J1-3 J1-4 J1-5 J1-6 J1-7 J1-8 J1-9 J1-10
SW1
R1 1.5kΩ
R2 1.5kΩ
R3 0Ω
R4 0Ω
PSDA
PSCL
SDA
SCL
U4
C15 0.1µF
PSCLHS
J3
J3-1 J3-2 J3-3 J3-4 J3-5 J3-6 J3-7 J3-8 J3-9 J3-10 J3-11 J3-12 J3-13 J3-14 J3-15 J3-16 J3-17 J3-18 J3-19 J3-20 J3-21 J3-22 J3-23 J3-24 J3-25 J3-26 J3-27 J3-28 J3-29 J3-30 J3-31 J3-32 J3-33 J3-34 J3-35 J3-36 J3-37 J3-38 J3-39 J3-40
VIN
RD
WR
CS
AI0
AI1
INT
D0 D1 D2 D3 D4 D5 D6 D7
GPIOA
GPIOB
GCLR
JU6
U5
JU7
U6
C19 0.1µF
C20 0.1µF
JU8
U7
C21 0.1µF
J2
CONNECTOR 2 X 10
J2-1 J2-2 J2-3 J2-4 J2-5 J2-6 J2-7 J2-8 J2-9 J2-10 J2-11 J2-12 J2-13 J2-14 J2-15 J2-16 J2-17 J2-18 J2-19 J2-20
JU3
JU4
N.C.