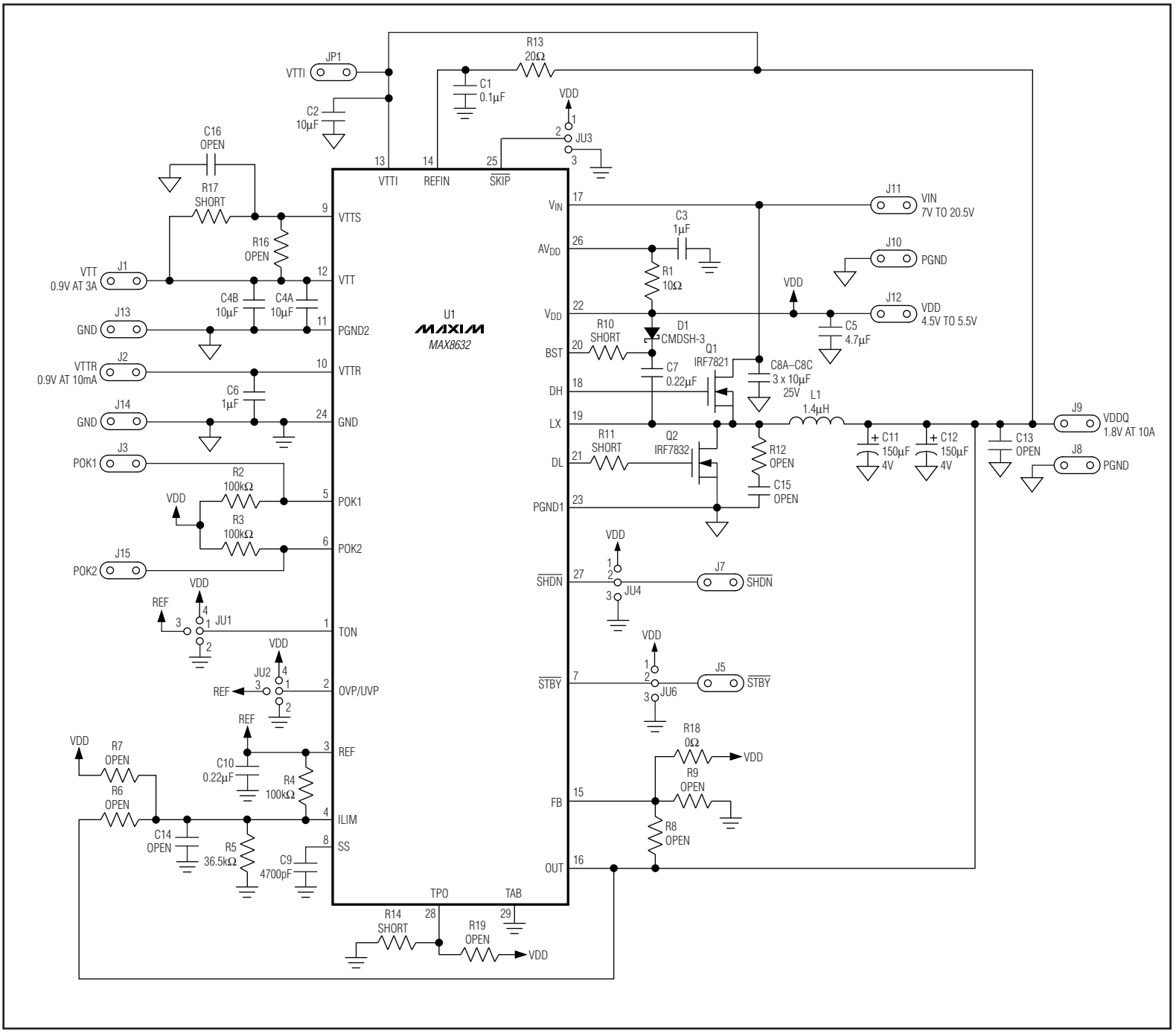
U1
MAXIM
MAX8632
VTTI
REFIN
SKIP
VTTS
VTT
PGND2
VTTR
GND
POK1
POK2
TON
OVP/UVP
REF
ILIM
SS
TPO
TAB
VIN
AVDD
VDD
BST
DH
LX
DL
PGND1
SHDN
STBY
FB
OUT
JP1
C1 0.1µF
R13 20Ω
C2 10µF
JU3
C16 OPEN
R17 SHORT
R16 OPEN
J1 VTT 0.9V AT 3A
C4B 10µF
C4A 10µF
J13 GND
J2 VTTR 0.9V AT 10mA
C6 1µF
J14 GND
J3 POK1
R2 100kΩ
R3 100kΩ
J15 POK2
JU1
JU2
C10 0.22µF
R4 100kΩ
R7 OPEN
R6 OPEN
C14 OPEN
R5 36.5kΩ
C9 4700pF
R14 SHORT
R19 OPEN
J11 VIN 7V TO 20.5V
C3 1µF
R1 10Ω
J10 PGND
J12 VDD 4.5V TO 5.5V
C5 4.7µF
R10 SHORT
D1 CMDSH-3
C7 0.22µF
Q1 IRF7821
C8A–C8C 3 x 10µF 25V
L1 1.4µH
R11 SHORT
Q2 IRF7832
R12 OPEN
C15 OPEN
C11 150µF 4V
C12 150µF 4V
C13 OPEN
J9 VDDQ 1.8V AT 10A
J8 PGND
JU4
J7 SHDN
JU6
J5 STBY
R18 0Ω
R9 OPEN
R8 OPEN