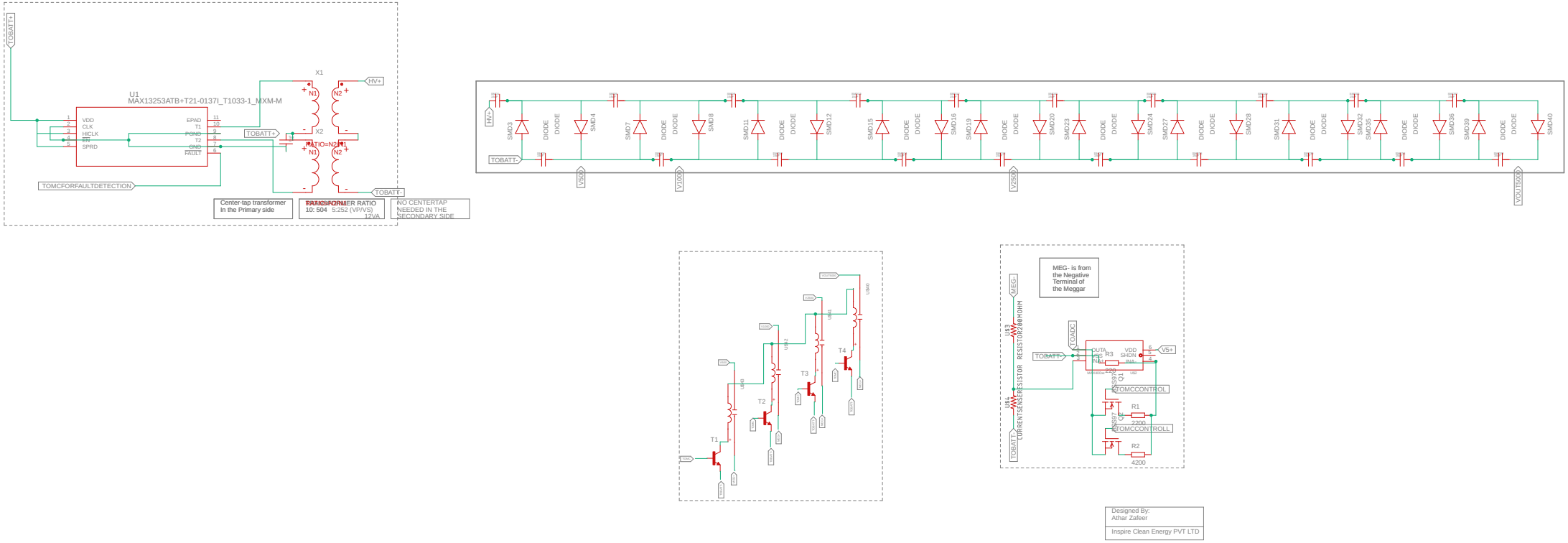
TOBATT+
U1
MAX13253ATB+T21-0137I_T1033-1_MXM-M
VDD
CLK
HICLK
EN
SPRD
EPAD
T1
PGND
T2
GND
FAULT
TOMCFORFAULTDETECTION
X1
N1
N2
X2
HV+
TOBATT-
Center-tap transformer In the Primary side
TRANSFORMER RATIO 10: 504 5:252 (VP/VS) 12VA
NO CENTERTAP NEEDED IN THE SECONDARY SIDE
SMD3
SMD4
SMD7
SMD8
SMD11
SMD12
SMD15
SMD16
SMD19
SMD20
SMD23
SMD24
SMD27
SMD28
SMD31
SMD32
SMD35
SMD36
SMD39
SMD40
DIODE
V500
V1000
V2500
VOUT5000
T1
T2
T3
T4
MEG-
MEG- is from the Negative Terminal of the Meggar
R3
VDD
SHDN
OUTA
V5+
TOMCCONTROL
R1
2200
R2
4200
Designed By:
Athar Zafeer
Inspire Clean Energy PVT LTD