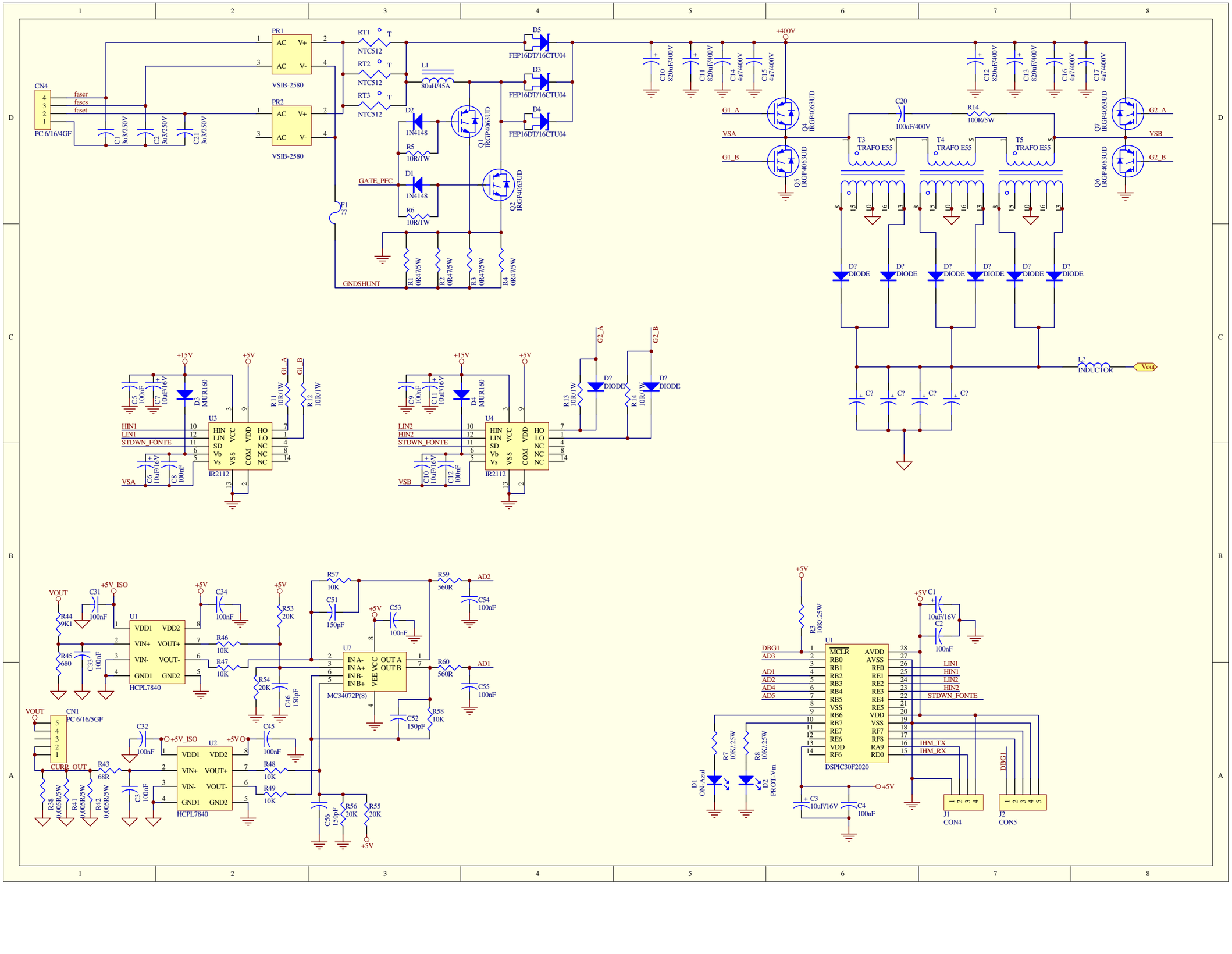
CN4
PC 6/16/4GF
faser
fases
faset
C1 3u3/250V
C2 3u3/250V
C21 3u3/250V
PR1
PR2
VSIB-2580
VSIB-2580
RT1 NTC512
RT2 NTC512
RT3 NTC512
L1 80uH/45A
D2 1N4148
D1 1N4148
R5 10R/1W
R6 10R/1W
GATE_PFC
F1 ??
GNDSHUNT
R1 0R47/5W
R2 0R47/5W
R3 0R47/5W
R4 0R47/5W
D5 FEP16DT/16CTU04
D3 FEP16DT/16CTU04
D4 FEP16DT/16CTU04
Q1 IRGP4063UD
Q2 IRGP4063UD
+400V
C10 820uF/400V
C11 820uF/400V
C14 4u7/400V
C15 4u7/400V
C12 820uF/400V
C13 820uF/400V
C16 4u7/400V
C17 4u7/400V
G1_A
VSA
G1_B
Q4 IRGP4063UD
Q5 IRGP4063UD
C20 100nF/400V
R14 100R/5W
T3 TRAFO E55
T4 TRAFO E55
T5 TRAFO E55
Q7 IRGP4063UD
Q6 IRGP4063UD
G2_A
VSB
G2_B
D? DIODE
L? INDUCTOR
Vout
C? C? C? C?
+15V
+5V
C5 100nF
C7 10uF/16V
D3 MUR160
U3
HIN1
LIN1
STDWN_FONTE
VSA
C6 10uF/16V
C8 100nF
IR2112
R11 10R/1W
R12 10R/1W
G1_A
G1_B
C9 100nF
C11 10uF/16V
D4 MUR160
U4
LIN2
HIN2
STDWN_FONTE
VSB
C10 10uF/16V
C12 100nF
IR2112
R13 10R/1W
R14 10R/1W
G2_A
G2_B
D? DIODE
VOUT
+5V_ISO
C31 100nF
R44 9K1
R45 680
C33 100nF
U1
HCPL7840
C34 100nF
R46 10K
R47 10K
R53 20K
R54 20K
C46 150pF
R57 10K
C51 150pF
C53 100nF
R59 560R
C54 100nF
AD2
U7
MC34072P(8)
R60 560R
C55 100nF
AD1
C52 150pF
R58 10K
CN1
PC 6/16/5GF
CURR_OUT
C32 100nF
U2
HCPL7840
R43 68R
C45 100nF
R48 10K
R49 10K
R38 0,005R/5W
R41 0,005R/5W
R42 0,005R/5W
C3 100nF
C56 150pF
R56 20K
R55 20K
+5V
R3 10K/.25W
C1 10uF/16V
C2 100nF
U1
DSPIC30F2020
DBG1
AD3
AD1
AD2
AD4
AD5
LIN1
HIN1
LIN2
HIN2
STDWN_FONTE
IHM_TX
IHM_RX
R7 10K/.25W
R8 10K/.25W
D1 ON-Azul
D2 PROT-Vm
C3 10uF/16V
C4 100nF
J1 CON4
J2 CON5