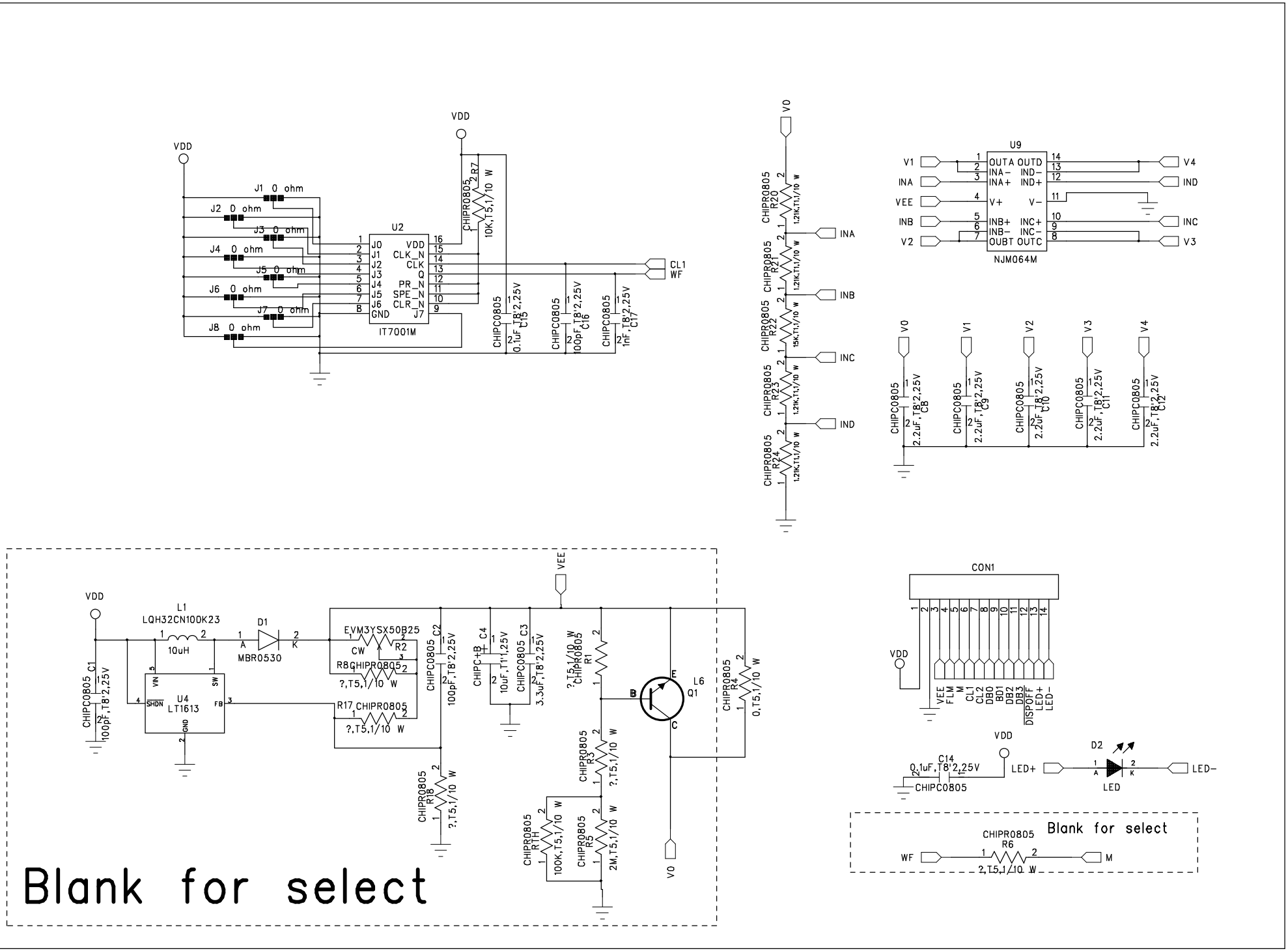
VDD
J1 0 ohm
J2 0 ohm
J3 0 ohm
J4 0 ohm
J5 0 ohm
J6 0 ohm
J7 0 ohm
J8 0 ohm
U2
IT7001M
J0 J1 J2 J3 J4 J5 J6 GND
VDD CLK_N CLK Q PR_N SPE_N CLR_N J7
R7 10K,T5,1/10 W
CHIPC0805 C15 0.1uF,T8'2,25V
CHIPC0805 C16 100pF,T8'2,25V
CHIPC0805 C17 1nF,T8'2,25V
CL1
WF
V0
CHIPR0805 R20 1.21K,T1,1/10 W
CHIPR0805 R21 1.21K,T1,1/10 W
CHIPR0805 R22 15K,T1,1/10 W
CHIPR0805 R23 1.21K,T1,1/10 W
CHIPR0805 R24 1.21K,T1,1/10 W
INA
INB
INC
IND
U9
NJM064M
OUTA OUTD
INA− IND−
INA+ IND+
V+ V−
INB+ INC+
INB− INC−
OUBT OUTC
V1 V2 V3 V4
VEE
CHIPC0805 C8 2.2uF,T8'2,25V
CHIPC0805 C9 2.2uF,T8'2,25V
CHIPC0805 C10 2.2uF,T8'2,25V
CHIPC0805 C11 2.2uF,T8'2,25V
CHIPC0805 C12 2.2uF,T8'2,25V
L1 LQH32CN100K23 10uH
D1 MBR0530
U4 LT1613
VIN SW SHDN FB GND
CHIPC0805 C1 100pF,T8'2,25V
EVM3YSX50B25 CW R2
R8 CHIPR0805 ?,T5,1/10 W
R17 CHIPR0805 ?,T5,1/10 W
CHIPC0805 C2 100pF,T8'2,25V
CHIPC+B C4 10uF,T1'1,25V
CHIPC0805 C3 3.3uF,T8'2,25V
CHIPR0805 R1 ?,T5,1/10 W
CHIPR0805 R18 ?,T5,1/10 W
CHIPR0805 R3 ?,T5,1/10 W
CHIPR0805 R1H 100K,T5,1/10 W
CHIPR0805 R5 2M,T5,1/10 W
Q1 L6
CHIPR0805 R4 0,T5,1/10 W
CON1
VEE FLM M CL1 CL2 DB0 DB1 DB2 DB3 DISPOFF LED+ LED−
C14 0.1uF,T8'2,25V
CHIPC0805
LED+
D2 LED
LED−
Blank for select
CHIPR0805 R6 ?,T5,1/10 W
WF
M
Blank for select