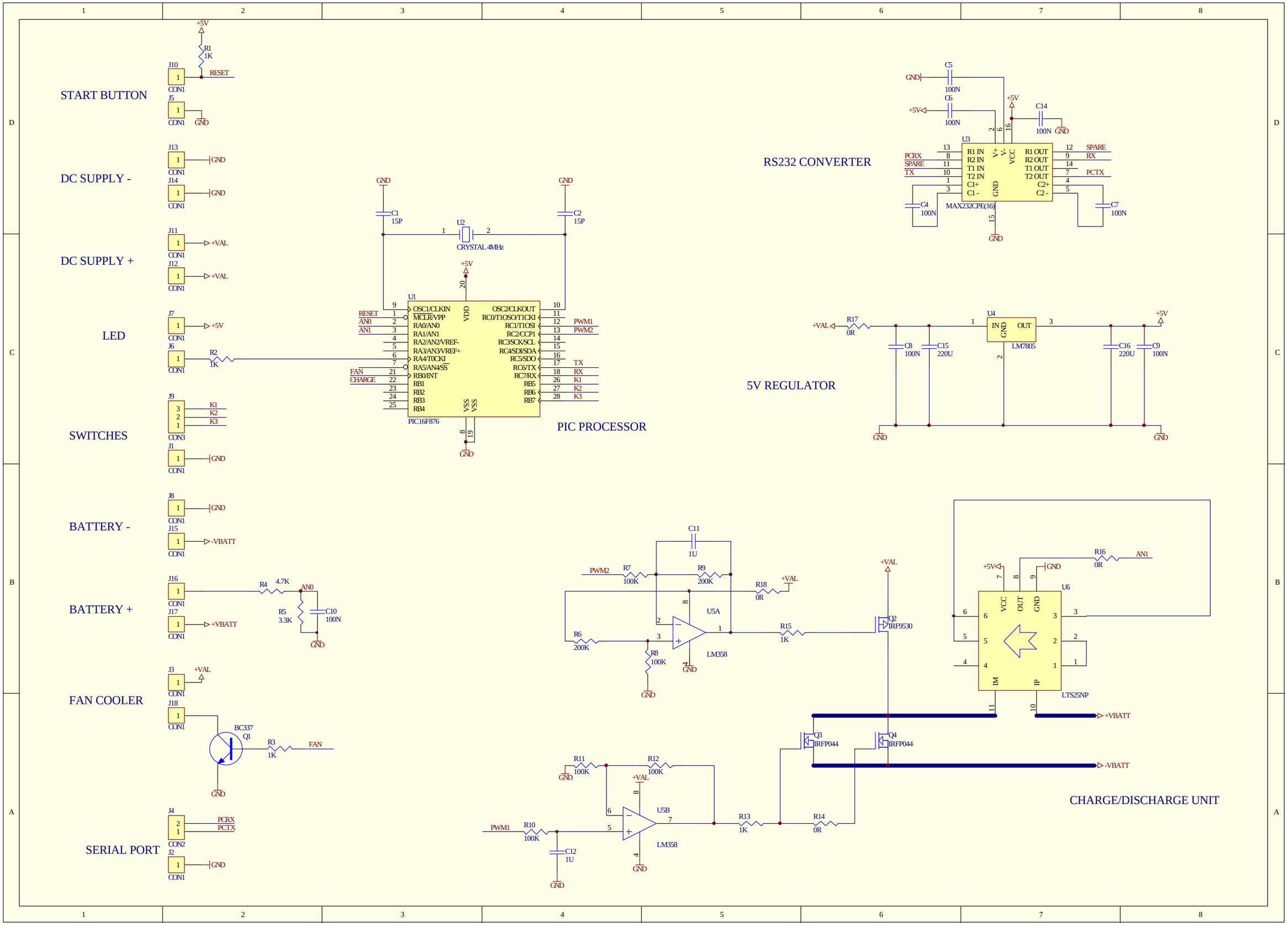
START BUTTON
DC SUPPLY -
DC SUPPLY +
LED
SWITCHES
BATTERY -
BATTERY +
FAN COOLER
SERIAL PORT
RS232 CONVERTER
5V REGULATOR
PIC PROCESSOR
CHARGE/DISCHARGE UNIT
PIC16F876
CRYSTAL 4MHz
MAX232CPE(16)
LM7805
LM358
LTS25NP
IRF9530
IRFP044
BC337
+5V
+VAL
-VBATT
+VBATT
GND
RESET
PWM1
PWM2
TX
RX
K1
K2
K3
AN0
AN1
PCRX
PCTX
SPARE
PCTX
FAN
CHARGE