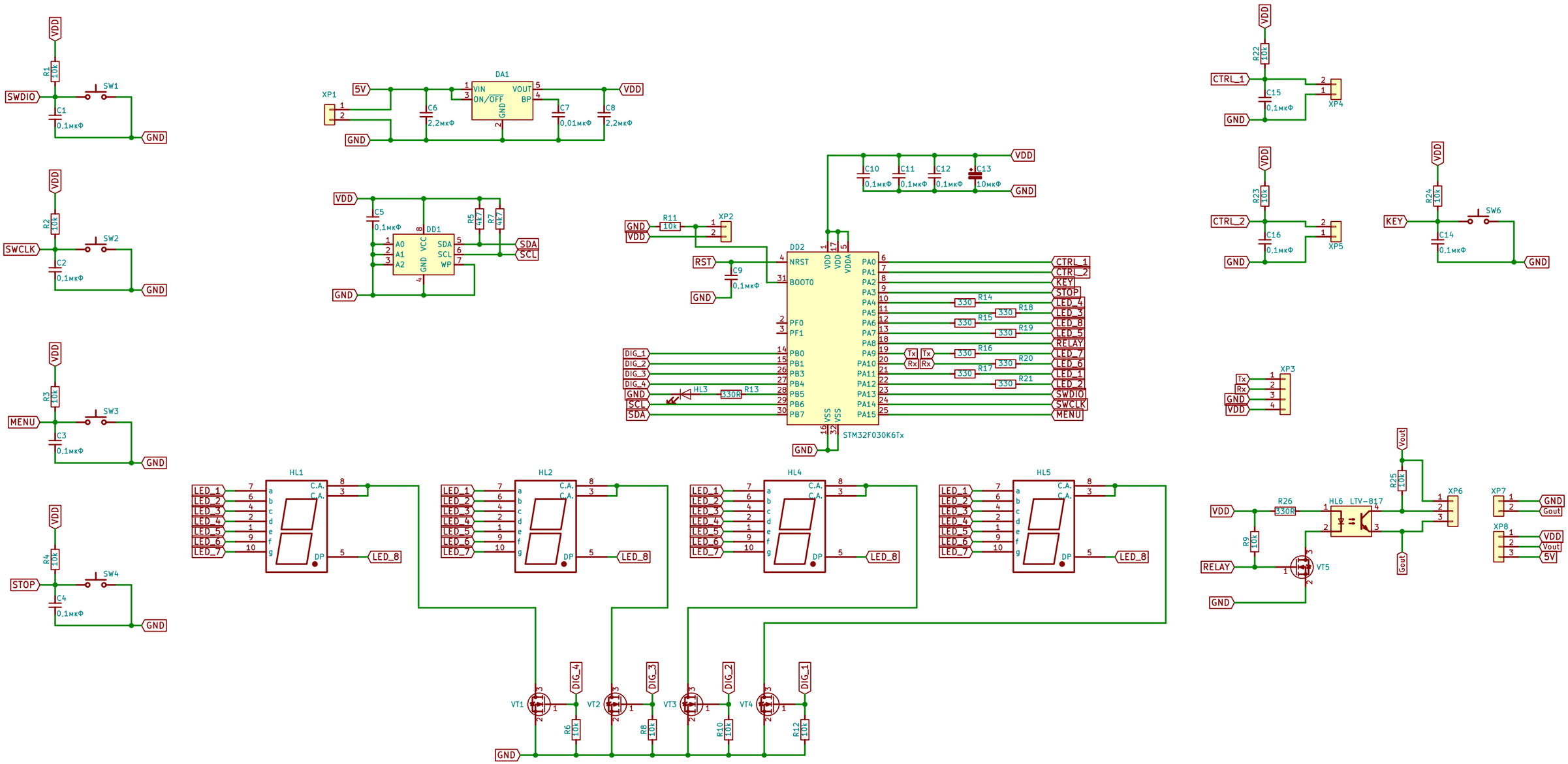
VDD
R1 10k
SWDIO
SW1
C1 0,1мкФ
GND
R2 10k
SWCLK
SW2
C2 0,1мкФ
R3 10k
MENU
SW3
C3 0,1мкФ
R4 10k
STOP
SW4
C4 0,1мкФ
XP1
5V
DA1
VIN
VOUT
ON/OFF
BP
C6 2,2мкФ
C7 0,01мкФ
C8 2,2мкФ
C5 0,1мкФ
DD1
A0
A1
A2
VCC
SDA
SCL
WP
R5 4k7
R7 4k7
C10 0,1мкФ
C11 0,1мкФ
C12 0,1мкФ
C13 10мкФ
R11 10k
XP2
RST
C9 0,1мкФ
DD2
NRST
BOOT0
PF0
PF1
PB0
PB1
PB3
PB4
PB5
PB6
PB7
PA0
PA1
PA2
PA3
PA4
PA5
PA6
PA7
PA8
PA9
PA10
PA11
PA12
PA13
PA14
PA15
VDDA
VSS
STM32F030K6Tx
R14 330
R18 330
R15 330
R19 330
R16 330
R20 330
R17 330
R21 330
Tx
Rx
DIG_1
DIG_2
DIG_3
DIG_4
HL3
R13 330R
CTRL_1
CTRL_2
KEY
STOP
LED_4
LED_3
LED_8
LED_5
RELAY
LED_7
LED_6
LED_1
LED_2
SWDIO
SWCLK
MENU
R22 10k
C15 0,1мкФ
XP4
R23 10k
C16 0,1мкФ
XP5
R24 10k
SW6
C14 0,1мкФ
XP3
HL1
HL2
HL4
HL5
C.A.
DP
LED_8
VT1
VT2
VT3
VT4
R6 10k
R8 10k
R10 10k
R12 10k
Vout
R25 10k
R26 330R
HL6 LTV-817
XP6
R9 10k
VT5
XP7
Gout
XP8