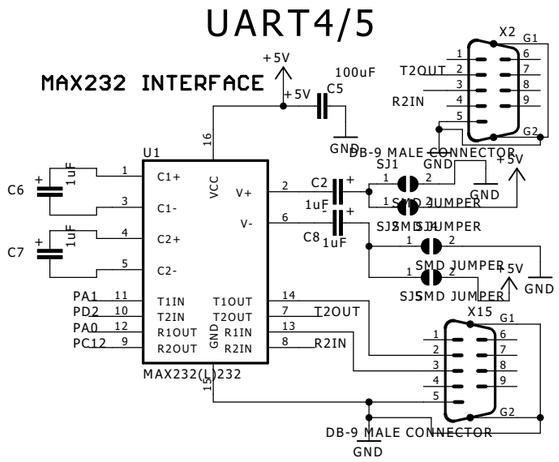
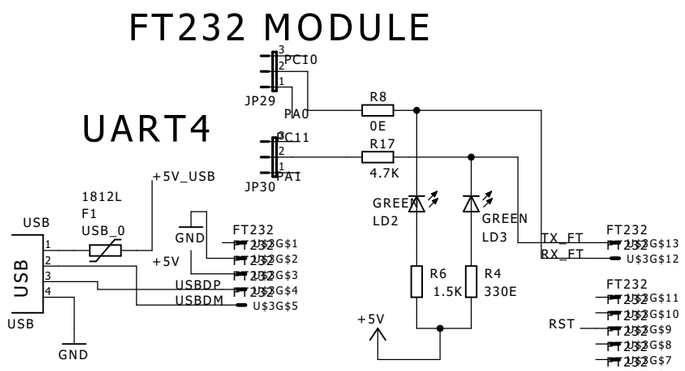
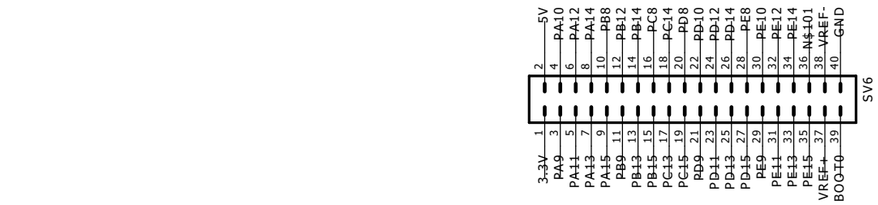
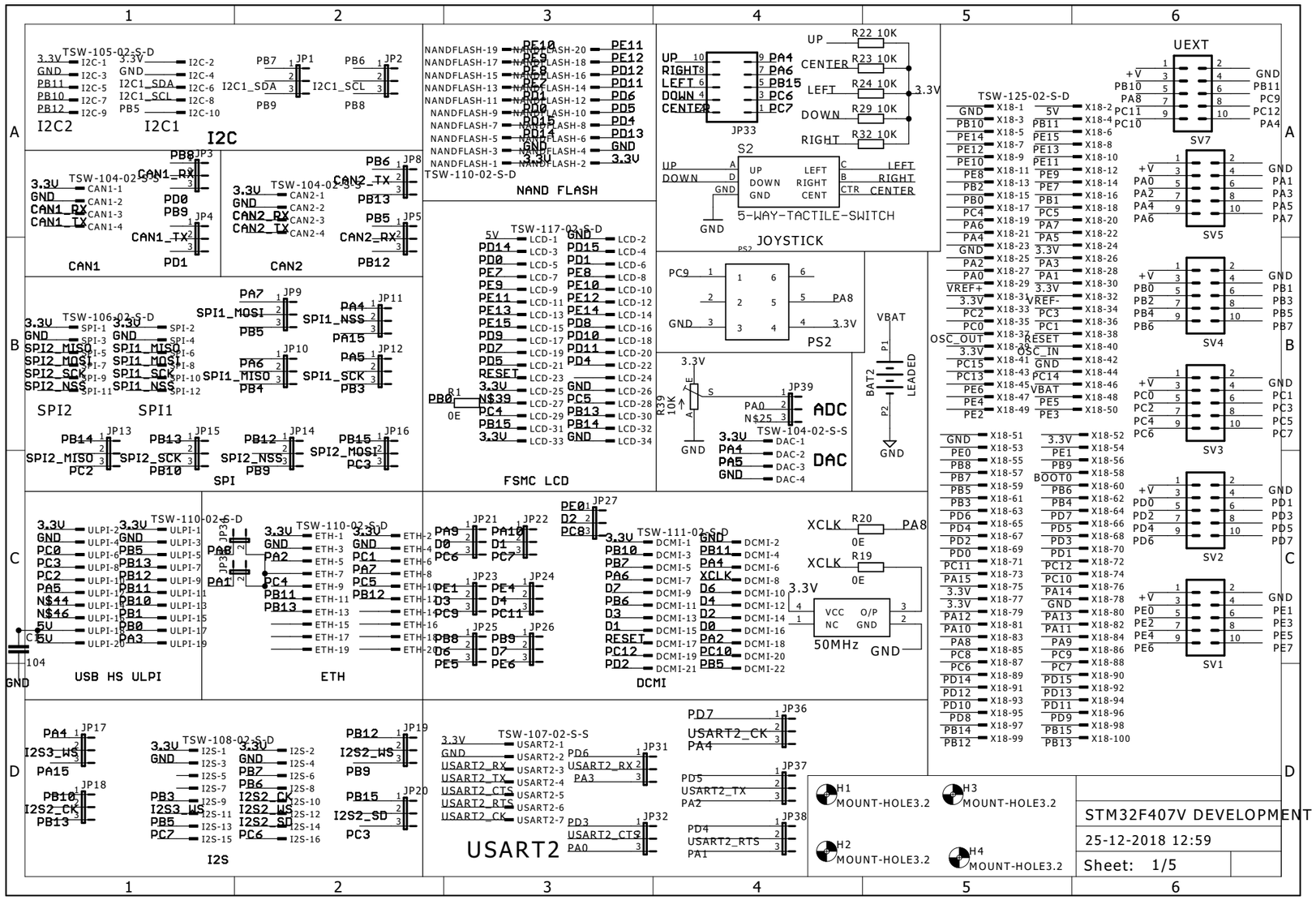
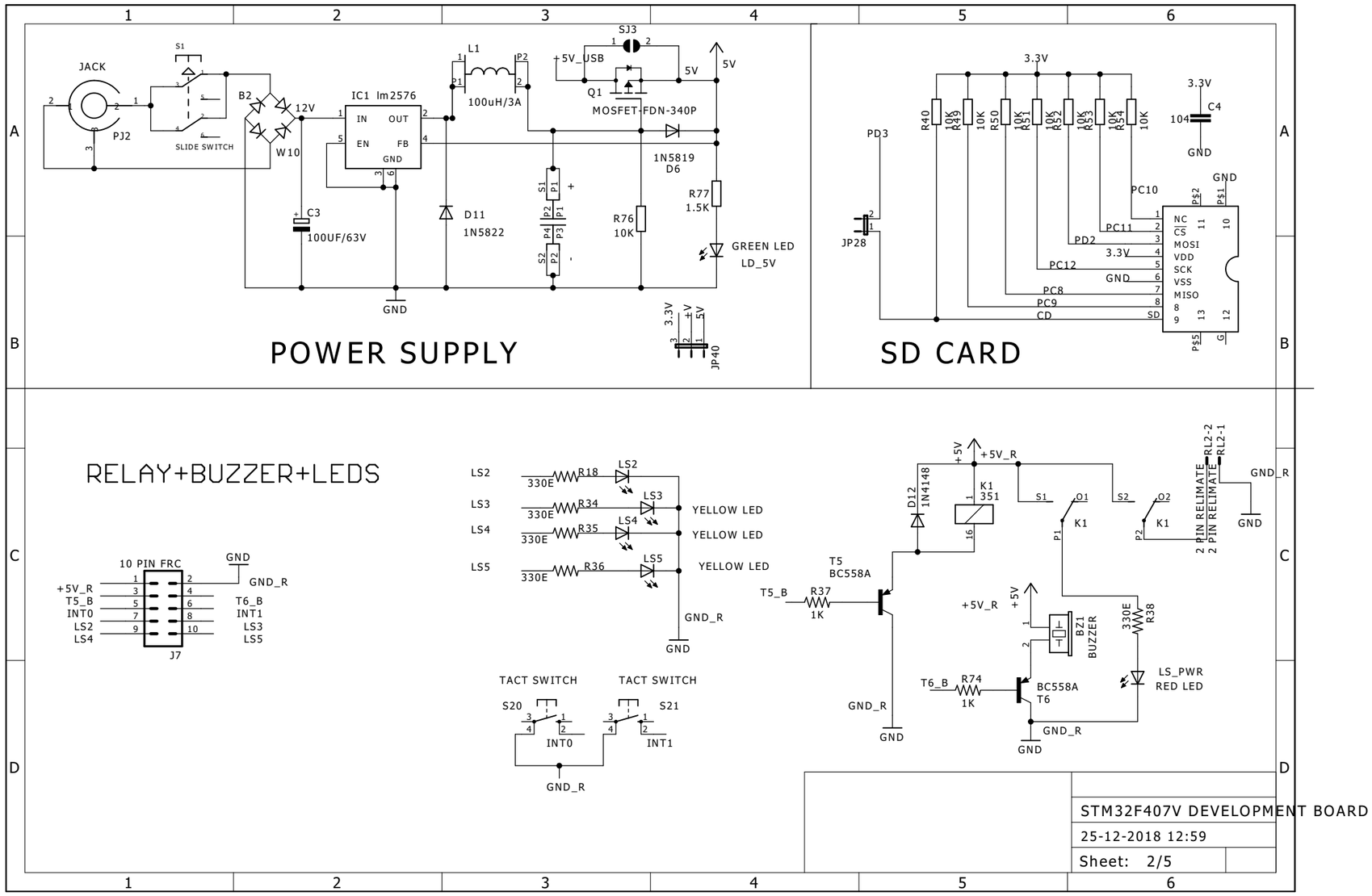
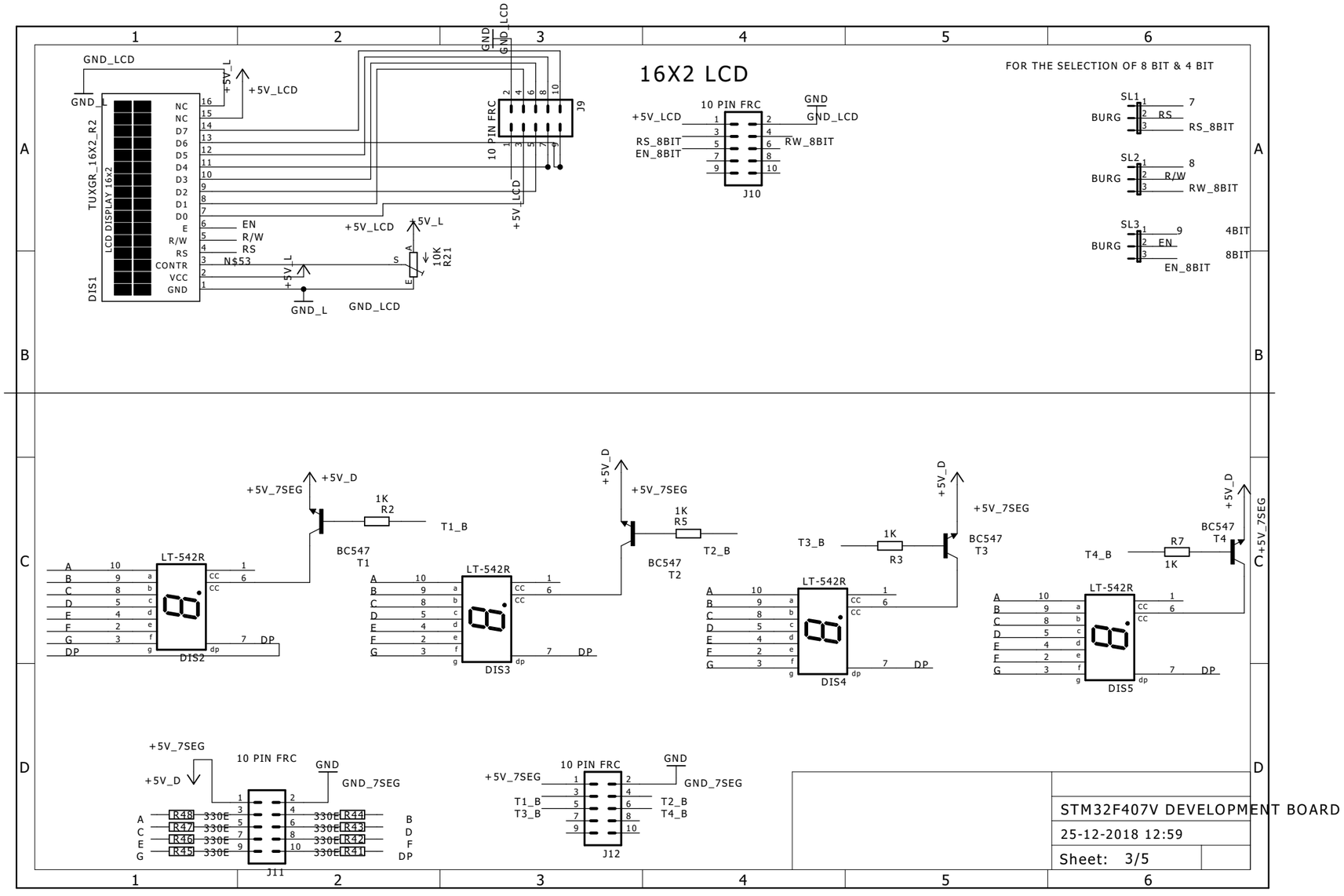

UART4/5
MAX232 INTERFACE
+5V
100uF
C5
T2OUT
R2IN
X2
DB-9 MALE CONNECTOR
GND
U1
C6
C7
1uF
C1+
C1-
C2+
C2-
VCC
V+
V-
T1IN
T2IN
R1OUT
R2OUT
T1OUT
T2OUT
R1IN
R2IN
C2
C8
SJ1
SJ2
SMD JUMPER
PA1
PD2
PA0
PC12
MAX232(L)232
X15
DB-9 MALE CONNECTOR


FT232 MODULE
UART4
PC10
PA0
PC11
PA1
JP29
JP30
R8
0E
R17
4.7K
+5V_USB
1812L
F1
USB_0
USB
GND
FT232
USBDP
USBDM
GREEN
LD2
LD3
R6
1.5K
R4
330E
TX_FT
RX_FT
RST

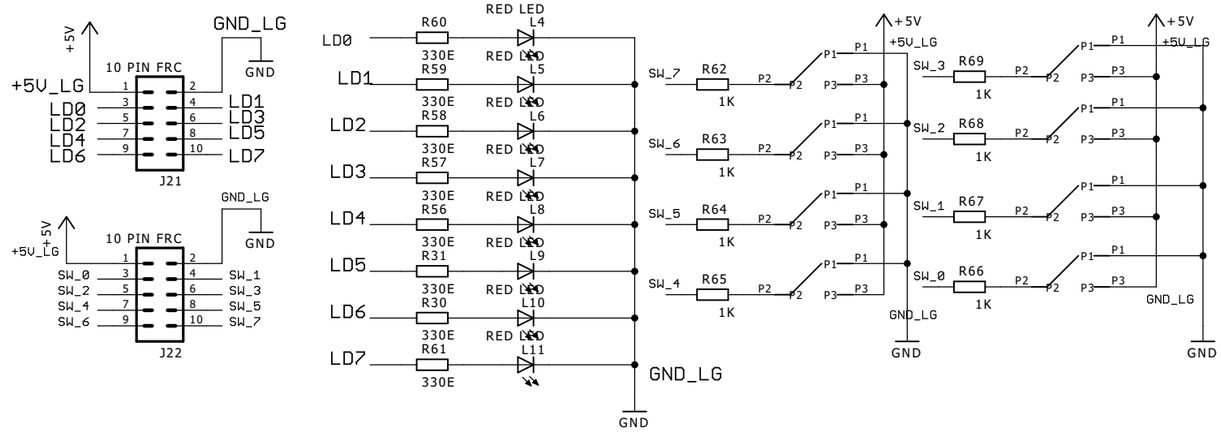

SV6
3.3V
5V
PA9
PA10
PA11
PA12
PA13
PA14
PA15
PB8
PB9
PB12
PB13
PB14
PB15
PC8
PC13
PC14
PC15
PD8
PD9
PD10
PD11
PD12
PD13
PD14
PD15
PE8
PE9
PE10
PE11
PE12
PE13
PE14
PE15
VREF+
VREF-
BOOT0
GND

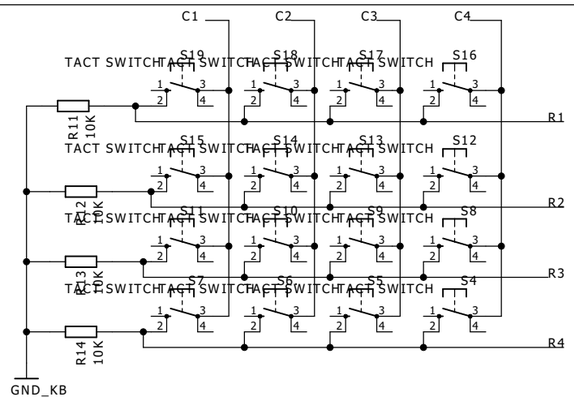

I2C2
I2C1
I2C
CAN1
CAN2
NAND FLASH
5-WAY-TACTILE-SWITCH
JOYSTICK
PS2
ADC
DAC
SPI2
SPI1
SPI
FSMC LCD
USB HS ULPI
ETH
DCMI
USART2
I2S
UEXT
SV1
SV2
SV3
SV4
SV5
SV7
H1 MOUNT-HOLE3.2
H2 MOUNT-HOLE3.2
H3 MOUNT-HOLE3.2
H4 MOUNT-HOLE3.2
STM32F407V DEVELOPMENT BOARD
25-12-2018 12:59
Sheet: 1/5


POWER SUPPLY
JACK
PJ2
S1
SLIDE SWITCH
B2
W10
12V
IC1 lm2576
IN
OUT
EN
FB
GND
L1
100uH/3A
SJ3
+5V_USB
5V
Q1
MOSFET-FDN-340P
1N5819
D6
C3
100UF/63V
D11
1N5822
R76
10K
R77
1.5K
GREEN LED
LD_5V
JP40
SD CARD
3.3V
C4
104
PD3
JP28
R40
R49
R50
R51
R52
R53
R54
PC10
PC11
PD2
PC12
PC8
PC9
CD
NC
CS
MOSI
VDD
SCK
VSS
MISO
SD
RELAY+BUZZER+LEDS
10 PIN FRC
J7
+5V_R
T5_B
INT0
LS2
LS4
T6_B
INT1
LS3
LS5
LS2
LS3
LS4
LS5
R18
R34
R35
R36
330E
YELLOW LED
TACT SWITCH
S20
S21
INT0
INT1
D12
1N4148
K1
351
2 PIN RELIMATE
RL2-2
RL2-1
T5
BC558A
R37
1K
BZ1
BUZZER
R38
LS_PWR
RED LED
T6_B
R74
T6
BC558A
STM32F407V DEVELOPMENT BOARD
25-12-2018 12:59
Sheet: 2/5

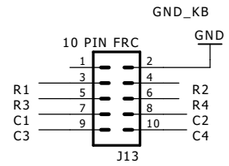

16X2 LCD
FOR THE SELECTION OF 8 BIT & 4 BIT
TUXGR_16X2_R2
LCD DISPLAY 16x2
DIS1
NC
D7
D6
D5
D4
D3
D2
D1
D0
E
R/W
RS
CONTR
VCC
GND
EN
R/W
RS
N$53
10K
R21
J9
10 PIN FRC
J10
RS_8BIT
EN_8BIT
RW_8BIT
SL1
SL2
SL3
BURG
4BIT
8BIT
LT-542R
DIS2
DIS3
DIS4
DIS5
BC547
T1
T2
T3
T4
1K
R2
R5
R3
R7
T1_B
T2_B
T3_B
T4_B
J11
J12
R48
R47
R46
R45
R44
R43
R42
R41
330E
GND_7SEG
STM32F407V DEVELOPMENT BOARD
25-12-2018 12:59
Sheet: 3/5

8 BIT LED LOGIC





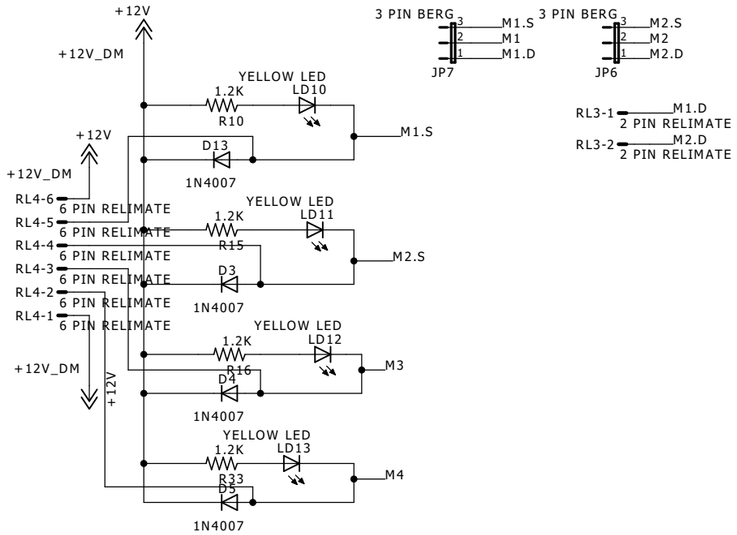
4X4 KEYBOARD

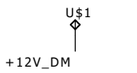


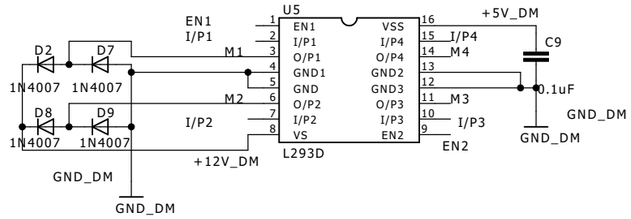
STM32F407V DEVELOPMENT BOARD	
25-12-2018 12:59	
Sheet: 4/5	

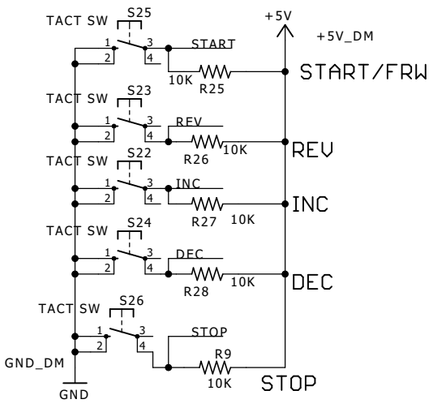
STEEPER MOTOR

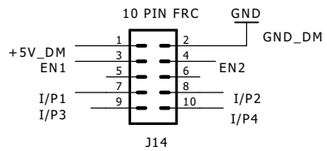
DC MOTOR

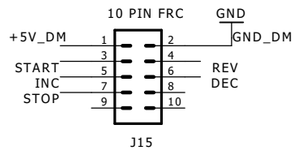












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