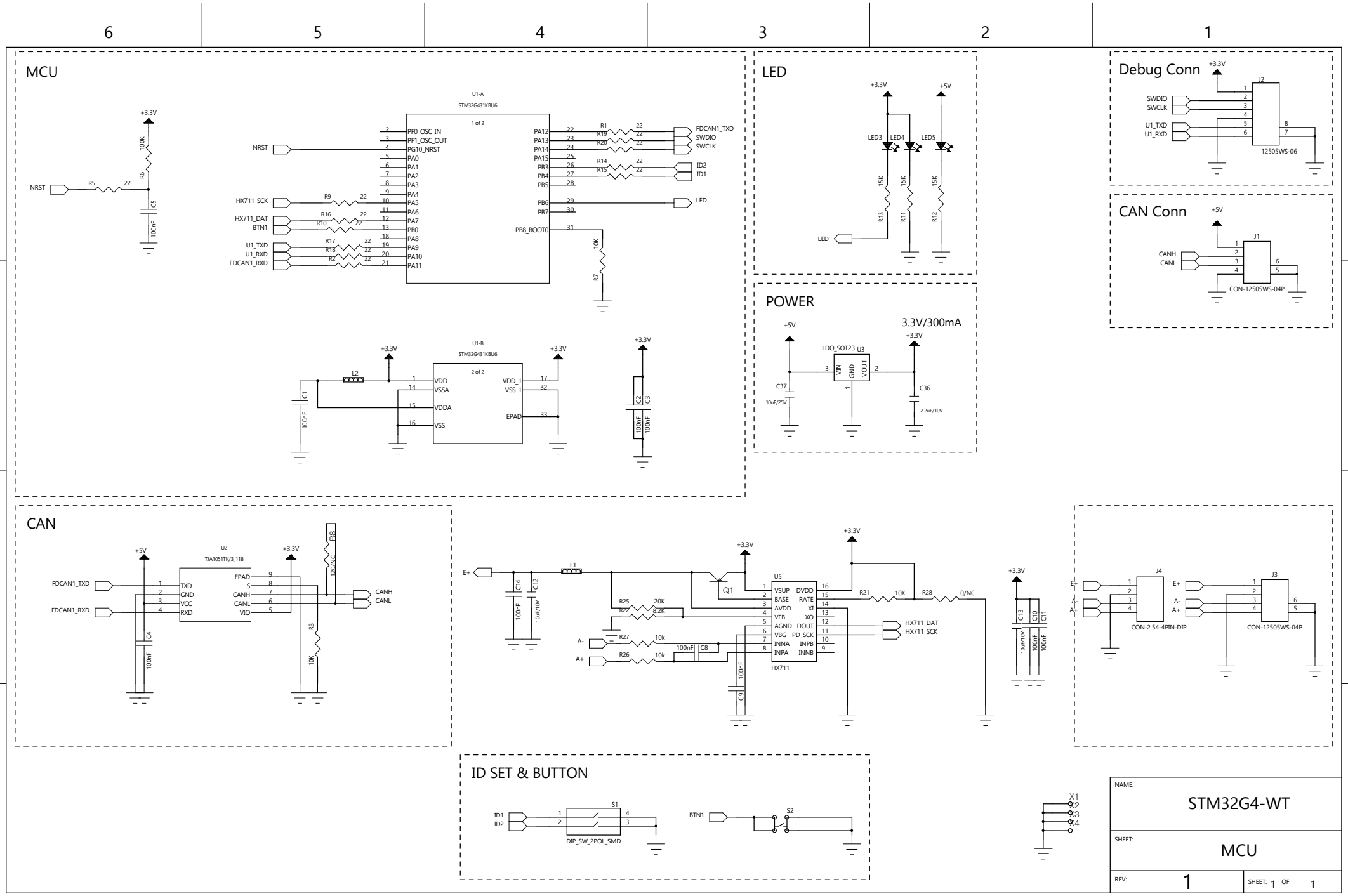
MCU
U1-A
STM32G431KBU6
1 of 2
PF0_OSC_IN
PF1_OSC_OUT
PG10_NRST
PA0
PA1
PA2
PA3
PA4
PA5
PA6
PA7
PB0
PA8
PA9
PA10
PA11
PA12
PA13
PA14
PA15
PB3
PB4
PB5
PB6
PB7
PB8_BOOT0
NRST
HX711_SCK
HX711_DAT
BTN1
U1_TXD
U1_RXD
FDCAN1_RXD
FDCAN1_TXD
SWDIO
SWCLK
ID2
ID1
LED
U1-B
STM32G431KBU6
2 of 2
VDD
VSSA
VDDA
VSS
VDD_1
VSS_1
EPAD
+3.3V
+5V
LED
POWER
3.3V/300mA
LDO_SOT23
U3
VIN
GND
VOUT
C37
10uF/25V
C36
2.2uF/10V
Debug Conn
J2
12505WS-06
CAN Conn
J1
CANH
CANL
CON-12505WS-04P
CAN
U2
TJA1051TK/3_118
TXD
GND
VCC
RXD
EPAD
CANH
CANL
VIO
FDCAN1_TXD
FDCAN1_RXD
120/NC
E+
L1
Q1
U5
VSUP
BASE
AVDD
VFB
AGND
VBG
INNA
INPA
DVDD
RATE
XI
XO
DOUT
PD_SCK
INPB
INNB
HX711
HX711_DAT
HX711_SCK
A-
A+
0/NC
J4
CON-2.54-4PIN-DIP
J3
CON-12505WS-04P
ID SET & BUTTON
S1
DIP_SW_2POL_SMD
S2
ID1
ID2
BTN1
X1
NAME:
STM32G4-WT
SHEET:
MCU
REV:
1
SHEET: 1 OF 1