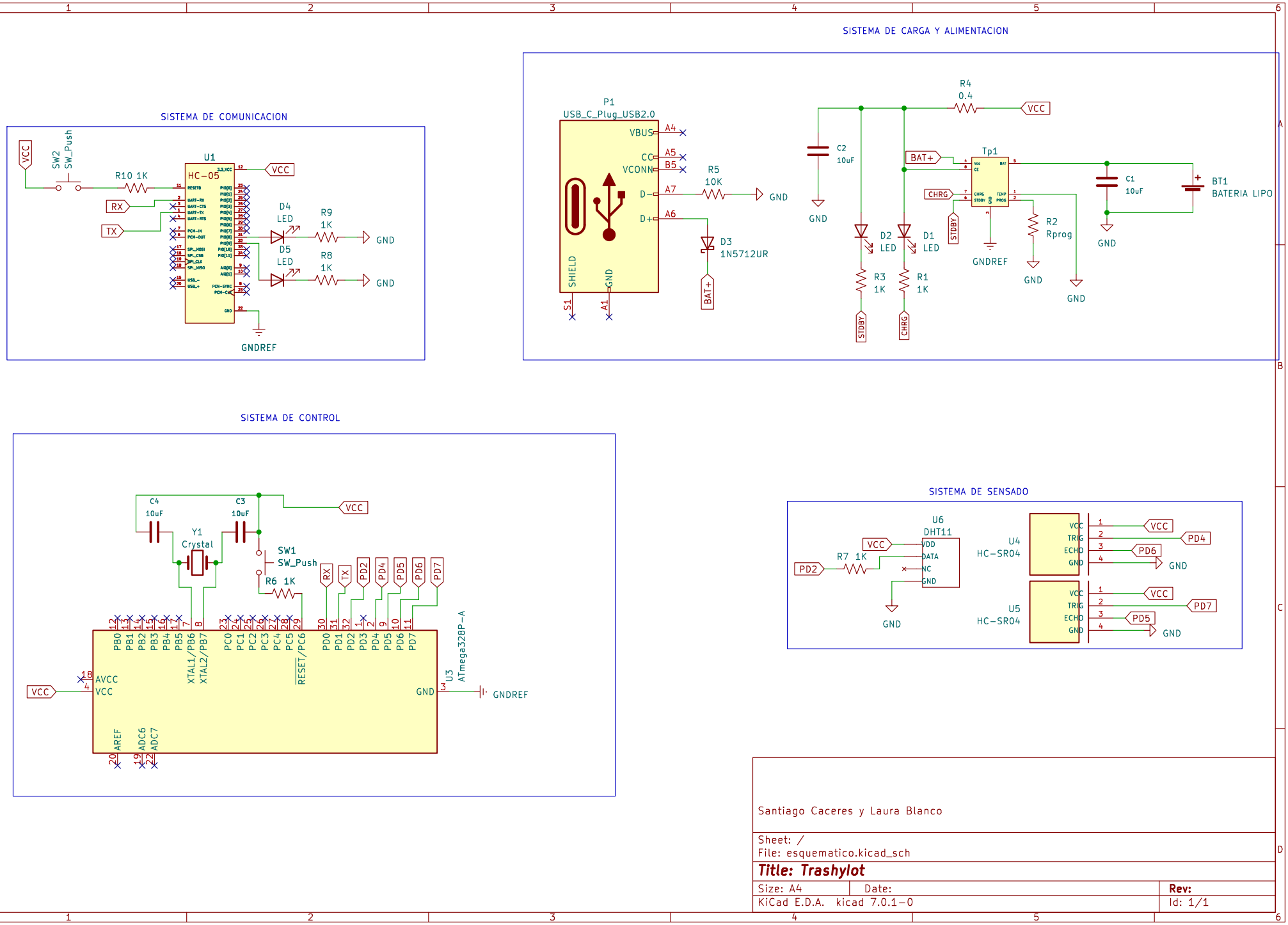
SISTEMA DE COMUNICACION
VCC
SW2
SW_Push
R10 1K
U1
HC-05
RX
TX
D4
LED
D5
LED
R9
1K
R8
1K
GND
GND
GNDREF
SISTEMA DE CARGA Y ALIMENTACION
P1
USB_C_Plug_USB2.0
VBUS
CC
VCONN
D-
D+
SHIELD
GND
A4
A5
B5
A7
A6
S1
A1
R5
10K
GND
D3
1N5712UR
BAT+
C2
10uF
GND
R4
0.4
VCC
BAT+
Tp1
CHRG
STDBY
D2
LED
D1
LED
R3
1K
R1
1K
STDBY
CHRG
GNDREF
R2
Rprog
GND
GND
C1
10uF
GND
BT1
BATERIA LIPO
SISTEMA DE CONTROL
C4
10uF
C3
10uF
VCC
Y1
Crystal
SW1
SW_Push
R6 1K
RX
TX
PD2
PD4
PD5
PD6
PD7
PB0
PB1
PB2
PB3
PB4
PB5
XTAL1/PB6
XTAL2/PB7
PC0
PC1
PC2
PC3
PC4
PC5
RESET/PC6
PD0
PD1
PD2
PD3
PD4
PD5
PD6
PD7
AVCC
VCC
AREF
ADC6
ADC7
GND
U3
ATmega328P-A
GNDREF
SISTEMA DE SENSADO
U6
DHT11
VDD
DATA
NC
GND
VCC
R7 1K
PD2
GND
U4
HC-SR04
VCC
TRIG
ECHO
GND
VCC
PD4
PD6
GND
U5
HC-SR04
VCC
TRIG
ECHO
GND
VCC
PD7
PD5
GND
Santiago Caceres y Laura Blanco
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