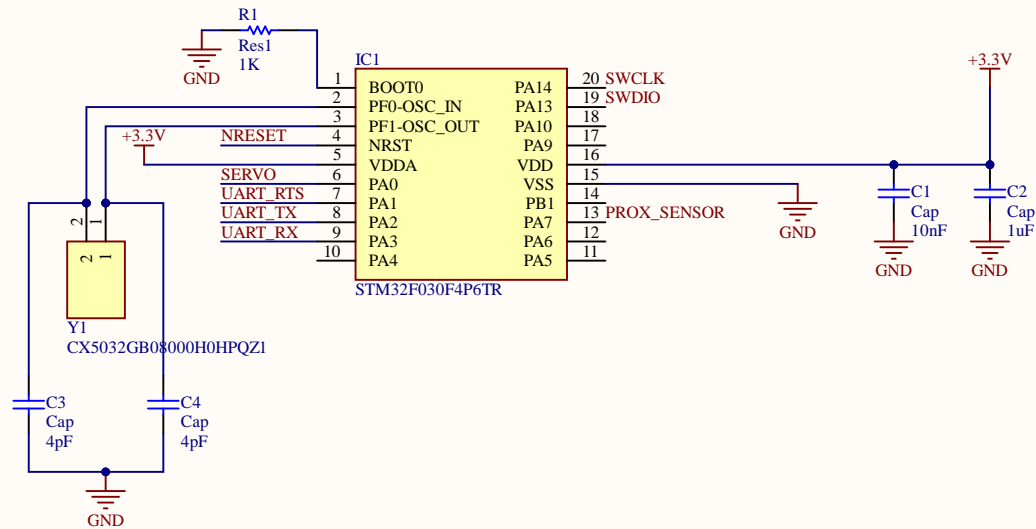
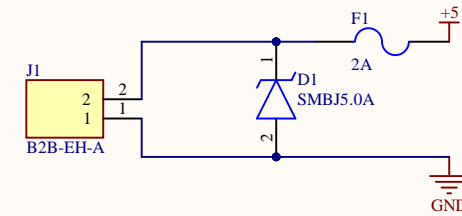


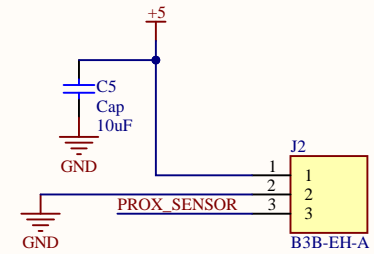
MCU



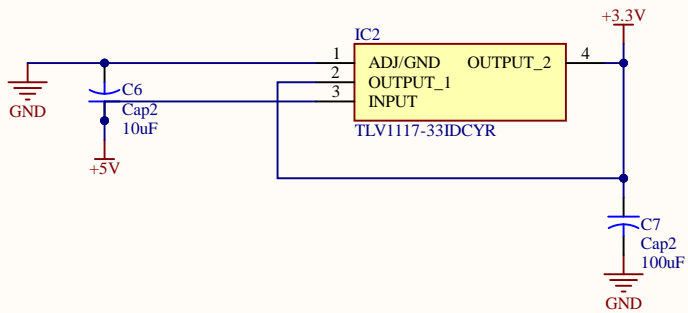
POWER



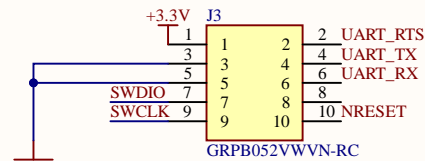
PROXIMITY SENSOR



LDO



DEBUGGER



SERVO



Title		
Cat Toy		
Size	Number	Revision
A4		1
Date:	9-10-2020	Sheet of
File:	C:\Users\...\CatToy2.SchDoc	Drawn By: T. Wang & W. Windholtz

Comment	Description	Designator	Footprint	LibRef	Quantity
Cap	Capacitor	C1, C2, C5	RAD-0.3	Cap	3
Cap	Capacitor	C3, C4	C0805	Cap	2
Cap2	Capacitor	C6, C7	C0805	Cap2	2
SMBJ5.0A	TVS Diode (Uni-directional)	D1	DIOM5436X244N	SMBJ5.0A	1
2A	Fuse	F1	PIN-W2/E2.8	Fuse 2	1
1.5A	Fuse	F2	PIN-W2/E2.8	Fuse 2	1
STM32F030F4P6TR	Integrated Circuit	IC1	SOP65P640X120-20N	STM32F030F4P6TR	1
TLV1117-33IDCYR	Integrated Circuit	IC2	SOT230P700X180-4N	TLV1117-33CDCYR	1
B2B-EH-A	Connector	J1	SHDR2W64P0X250_1X 2_750X380X600P	B2B-EH-A	1
B3B-EH-A	Connector	J2, J4	SHDR3W64P0X250_1X 3_1000X380X600P	B3B-EH-A	2
GRPB052VWVN-RC	Connector	J3	HDRV10W50P127_2X 5_635X340X430P	GRPB052VWVN-RC	1
Res1	Resistor	R1	AXIAL-0.3	Res1	1
CX5032GB08000H0HP QZ1	Crystal or Oscillator	Y1	CX5032GB08000H0HP QZ1	CX5032GB08000H0HP QZ1	1