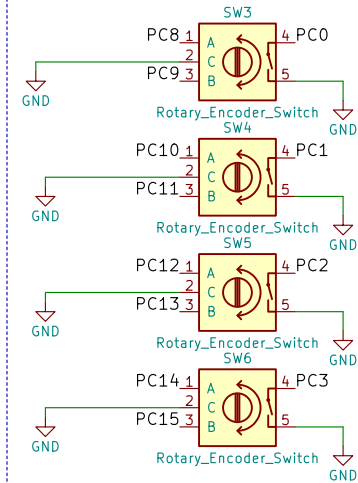


Morpho Connectors

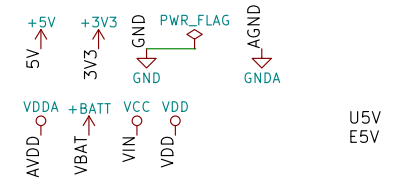
STM32L476_Morpho
U2

PC10	1	PC10	PC11	2	PC11	PC9	39	PC9	PC8	40	PC8
PC12	3	PC12	PD2	4	PD2	PB8	41	PB8	PC6	42	PC6
VDD	5	VDD	E5V	6	E5V	PB9	43	PB9	PC5	44	PC5
BOOT0	7	BOOT0	GND	8	GND	AVDD	45	AVDD	U5V	46	U5V
	9	N/C	N/C	10	N/C	GND	47	GND	N/C	48	N/C
PA13	13	PA13	IOREF	12	IOREF	PA5	49	PA5	PA12	50	PA12
PA14	15	PA14	RESET	14	RESET	PA6	51	PA6	PA11	52	PA11
PA15	17	PA15	3V3	16	3V3	PA7	53	PA7	PB12	54	PB12
GND	19	GND	5V	18	5V	PB6	55	PB6	PB11	56	PB11
PB7	21	PB7	GND	20	GND	PC7	57	PC7	GND	58	GND
PC13	23	PC13	GND	22	GND	PA9	59	PA9	PB2	60	PB2
PC14	25	PC14	VIN	24	VIN	PA8	61	PA8	PB1	62	PB1
PC15	27	PC15	N/C	26	N/C	PB10	63	PB10	PB15	64	PB15
PH0	29	PH0	PA0	28	PA0	PB4	65	PB4	PB14	66	PB14
PH1	31	PH1	PA1	30	PA1	PB5	67	PB5	PB13	68	PB13
VBAT	33	VBAT	PA4	32	PA4	PB3	69	PB3	AGND	70	AGND
PC2	35	PC2	PB0	34	PB0	PA10	71	PA10	PC4	72	PC4
PC3	37	PC3	PC1	36	PC1	PA2	73	PA2	N/C	74	N/C
			PC0	38	PC0	PA3	75	PA3	N/C	76	N/C

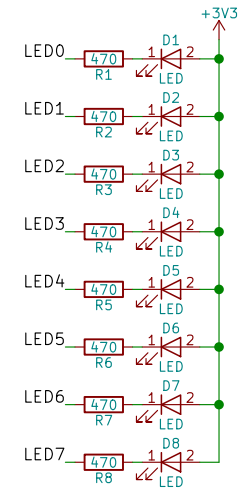
Rotary Encoders



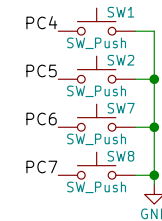
Power Symbols



Effect Indicator LED's



Footswitches

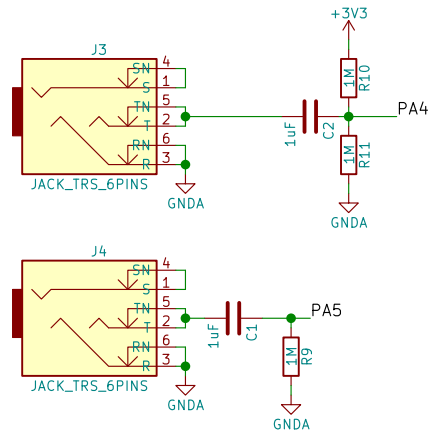
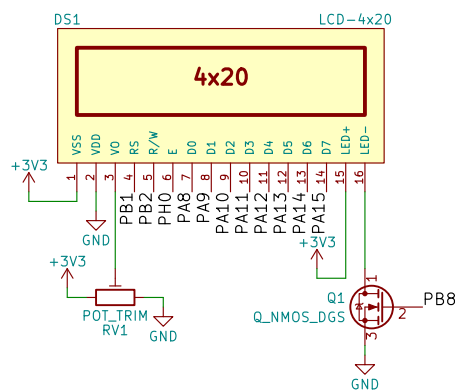


Audio I/O

Using stm32 ADC and DAC for prototype

differential in
PA2
PA3

4x20 Charcter Display



Prototype

Sheet: /
File: White-Box-ARM_prototype.sch

Title: The White Box ARM Prototype

Size: A4 Date: 2017-10-20
KiCad E.D.A. kicad 4.0.7-e2-637658ubuntu16.04.1

Rev: V1.0
Id: 1/1