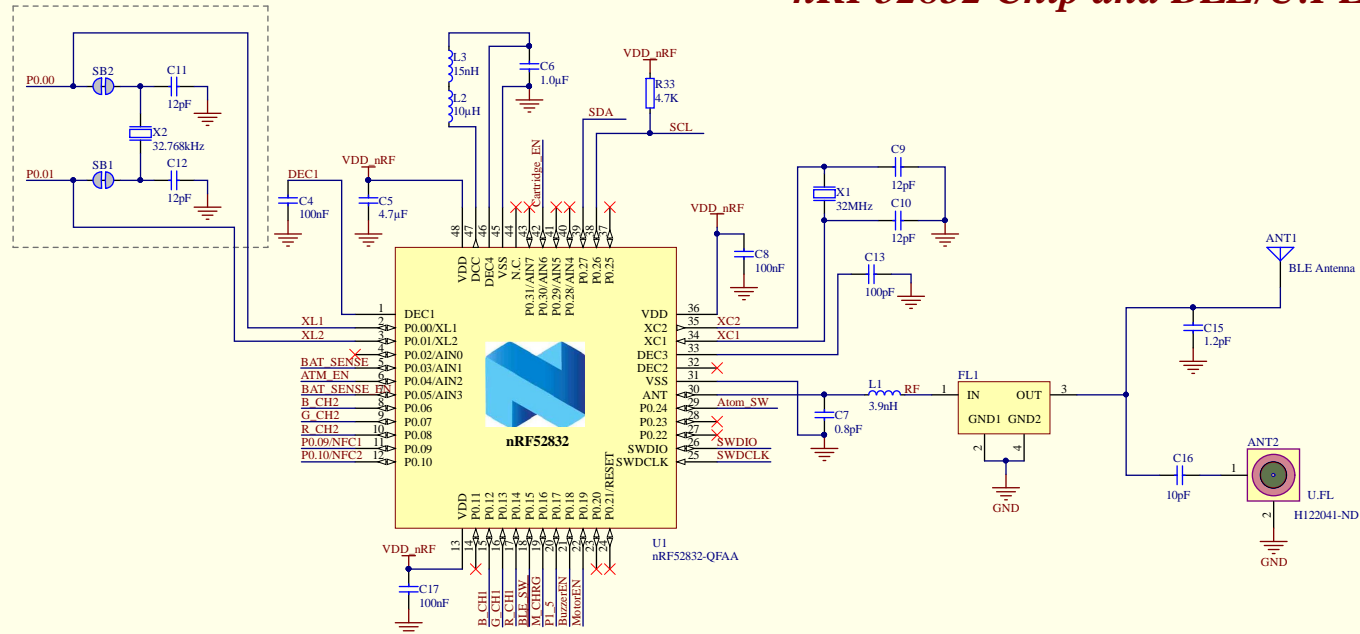
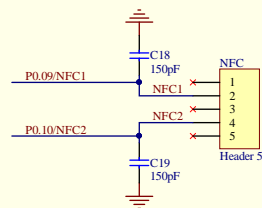


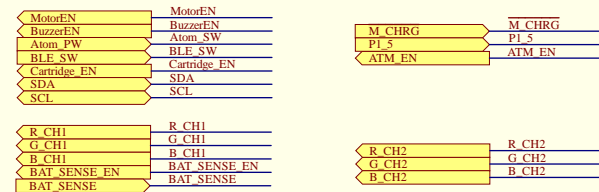
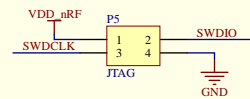
## *nRF52832 Chip and BLE/U.FL*



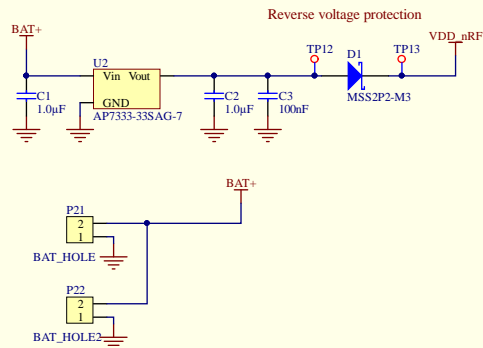
*NFCT Antenna*



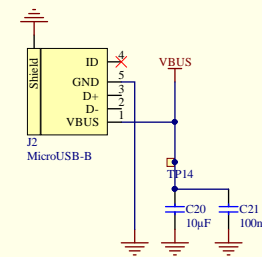
**JTAG**



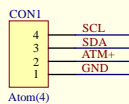
### BAT Power Voltage Regulator



### USB Connector

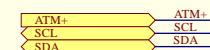
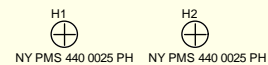


### Connector(Atom1)

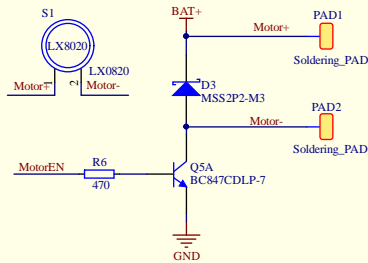


Use in Quad-Link Mode 0,1,2,3

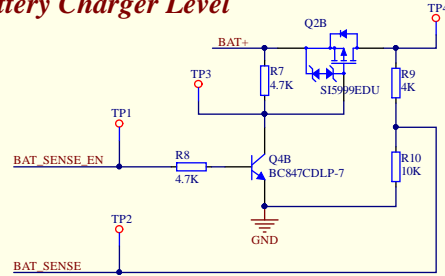
### Screw-Hole



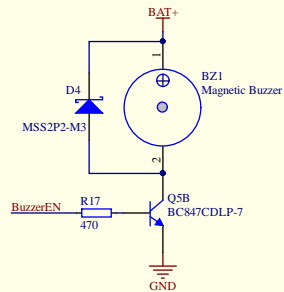
### Haptic Motor Driver Circuit



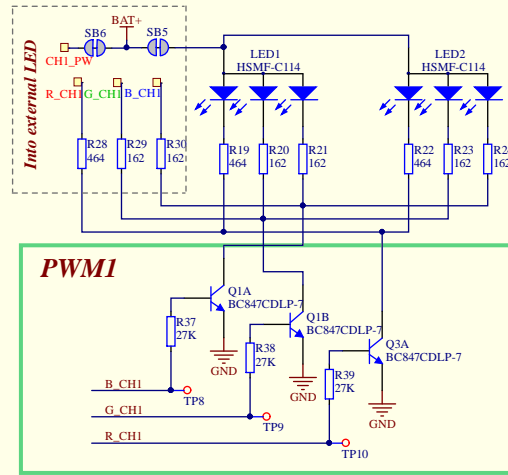
### Battery Charger Level



### Magnetic Buzzer Driver Circuit

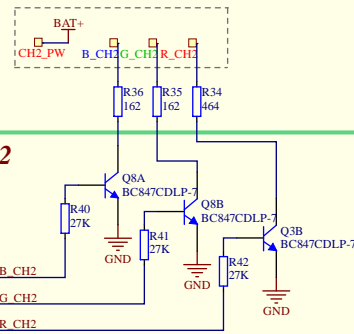


### RGB LED Bank Channel 1



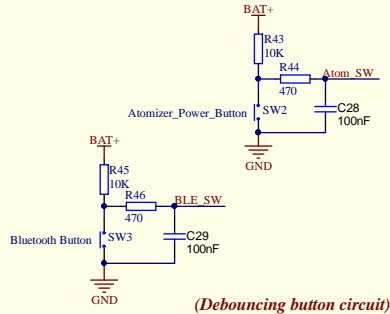
### PWM1

### RGB LED Bank Channel 2



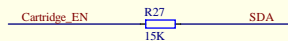
### PWM2

### Button (BLE, Atom\_PW)



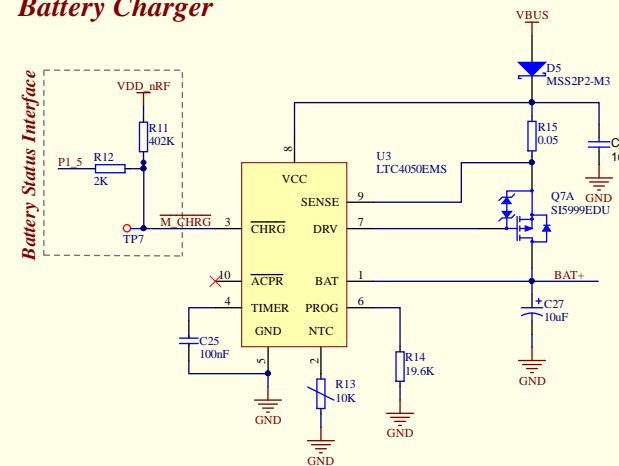
(Debouncing button circuit)

### Cartridge Sense

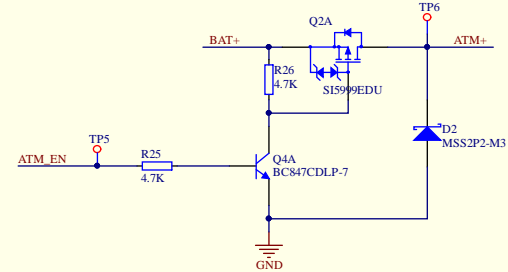


(Use in Quad-Link Mode 0,1,2,3)

### Battery Charger



### Atomizer Driver Circuit



MotorEN	BuzzerEN	M CHRG	M CHRG
BuzzerEN	Atom_SW	P1_5	P1_5
Atom_SW	BLE_SW	ATM_EN	ATM_EN
BLE_SW	Cartridge_EN	ATM+	ATM+
Cartridge_EN	SDA	R_CH1	R_CH1
SDA	SCL	G_CH1	G_CH1
SCL	R_CH2	B_CH1	B_CH1
R_CH2	G_CH2	BAT_SENSE EN	BAT_SENSE EN
G_CH2	B_CH2	BAT_SENSE	BAT_SENSE

Title **Vapeix Mini PCB - Interface**

Size: A4 Number: Revision: v1.0 Drawn by: Rock Jon  
Date: 8/7/2016 Time: 3:06:41 AM Sheet of  
File: F:\Vapeix\_Team\_Task\Vapeix\_mini\_update1.0\Vapeix-Mini-PCB1.0\Vapeix\_mini\_Shield.SchDoc

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