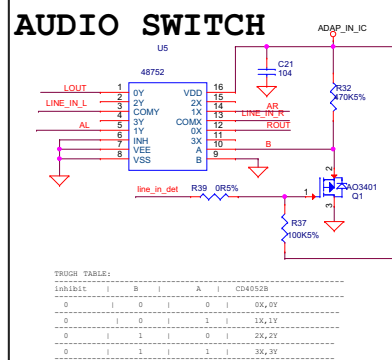
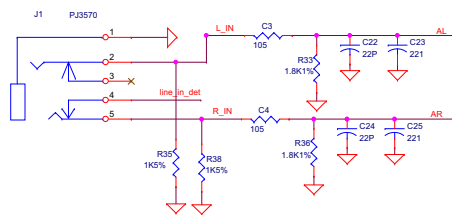
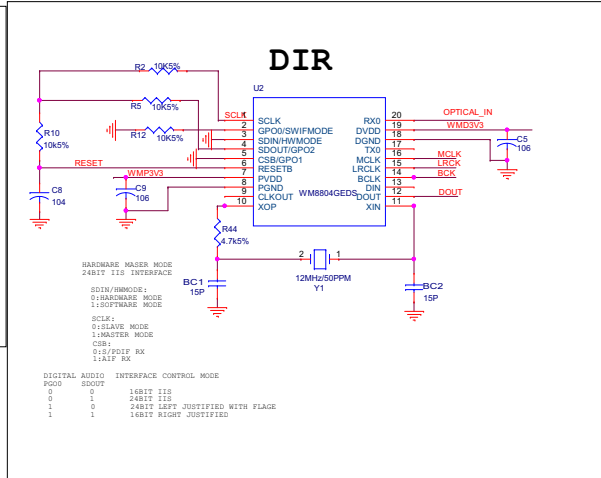
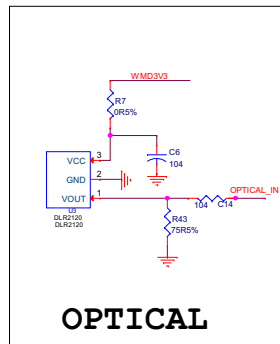
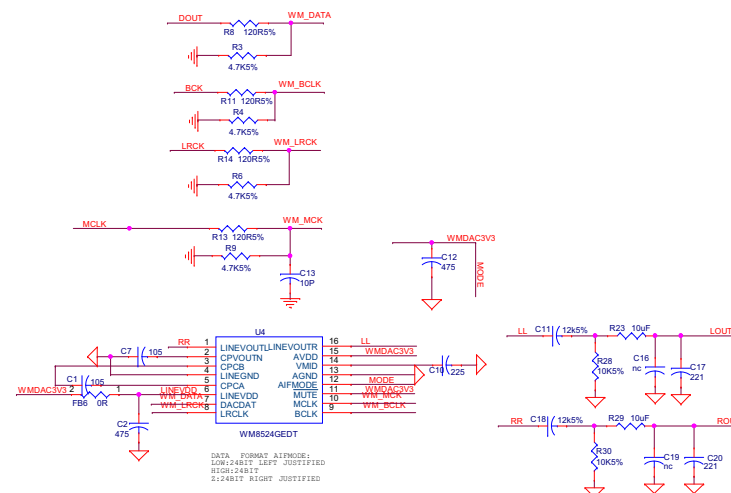
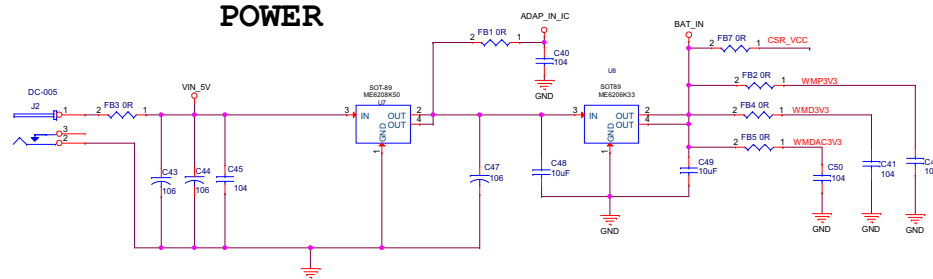


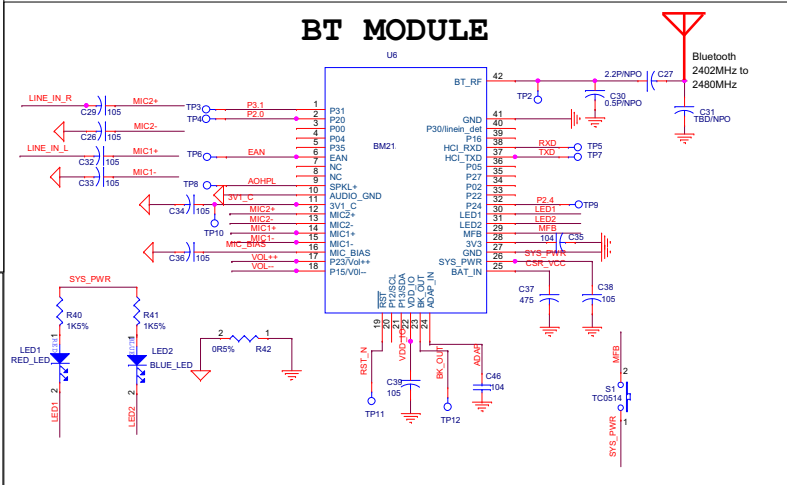


POWER

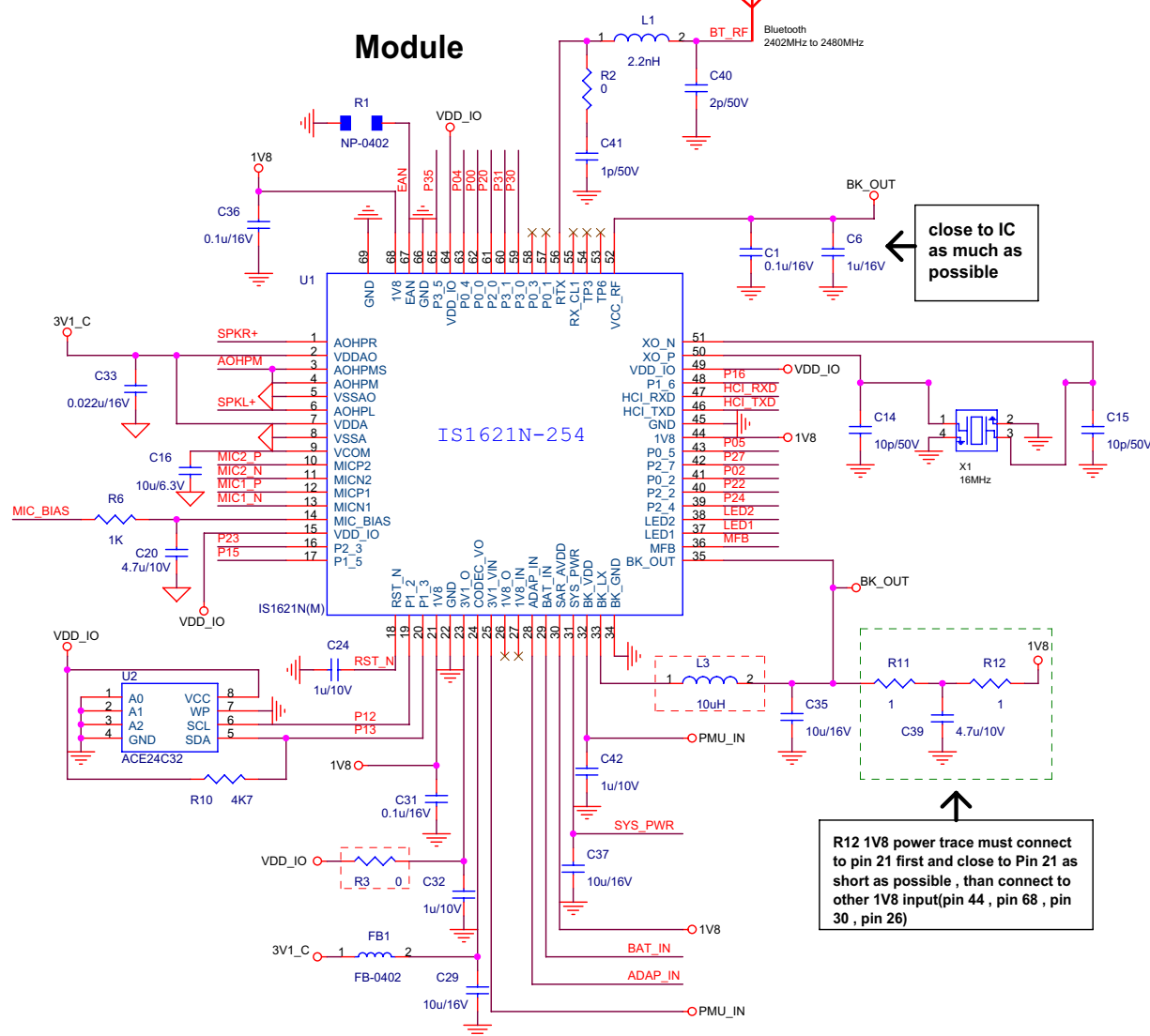


DAC WM8524GEDT

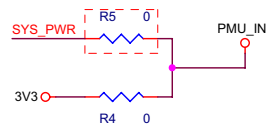
BT MODULE



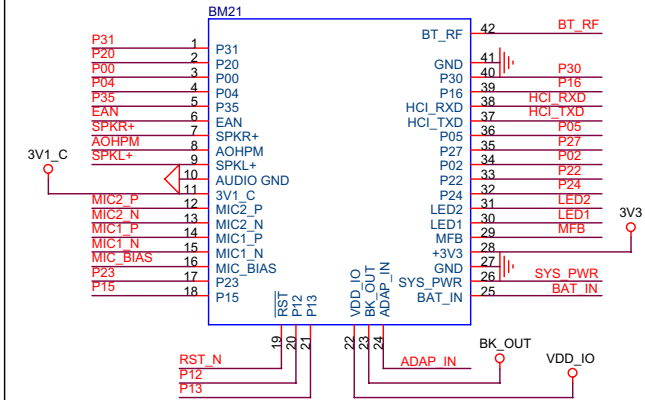
Module



	R3	R4	R5	L3	D1	D2
BUCK	0 R	NP	0 R	10uH	NP	NP
LDO	NP	0 R	NP	NP	CDSU400B	CDSU400B



PIN DIFINATION



GPIO vs. APPLICATION FUNCTION

GPIO	APPLICATION	GPIO	APPLICATION
P00	Ext. Power ON button	P22	Ext. Power ON enable
P04	Audio Amp. Enable	P02	Play/Pause
P35	Buzzer Driver (*Optional)	P27	Forward
P23	Volume +	P05	Reverse
P15	Volume -	P16	Audio Amp. Enable
P12	EEPROM_CLK	P30	FM Input detect
P13	EEPROM_DATA		

CONFIGURATION TABLE

P2_0	P2_4	MODE
H	H	APPLICATION
L	H	IBDK MODE
L	L	BOOT MODE

EAN L: EXT FLASH, H: INT ROM



I.S.S.C.

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Science-Based Industry Park, Hsin-Chu
Telephone: 886 - 3 - 5778385
Designer: Thomas Ke

Board Name		BM21 Bluetooth Module	P/N
Size B	Title	ISSC EDR SPEAKER	Rev V0.0
Date:	Thursday, April 28, 2011	Sheet 1 of 1	