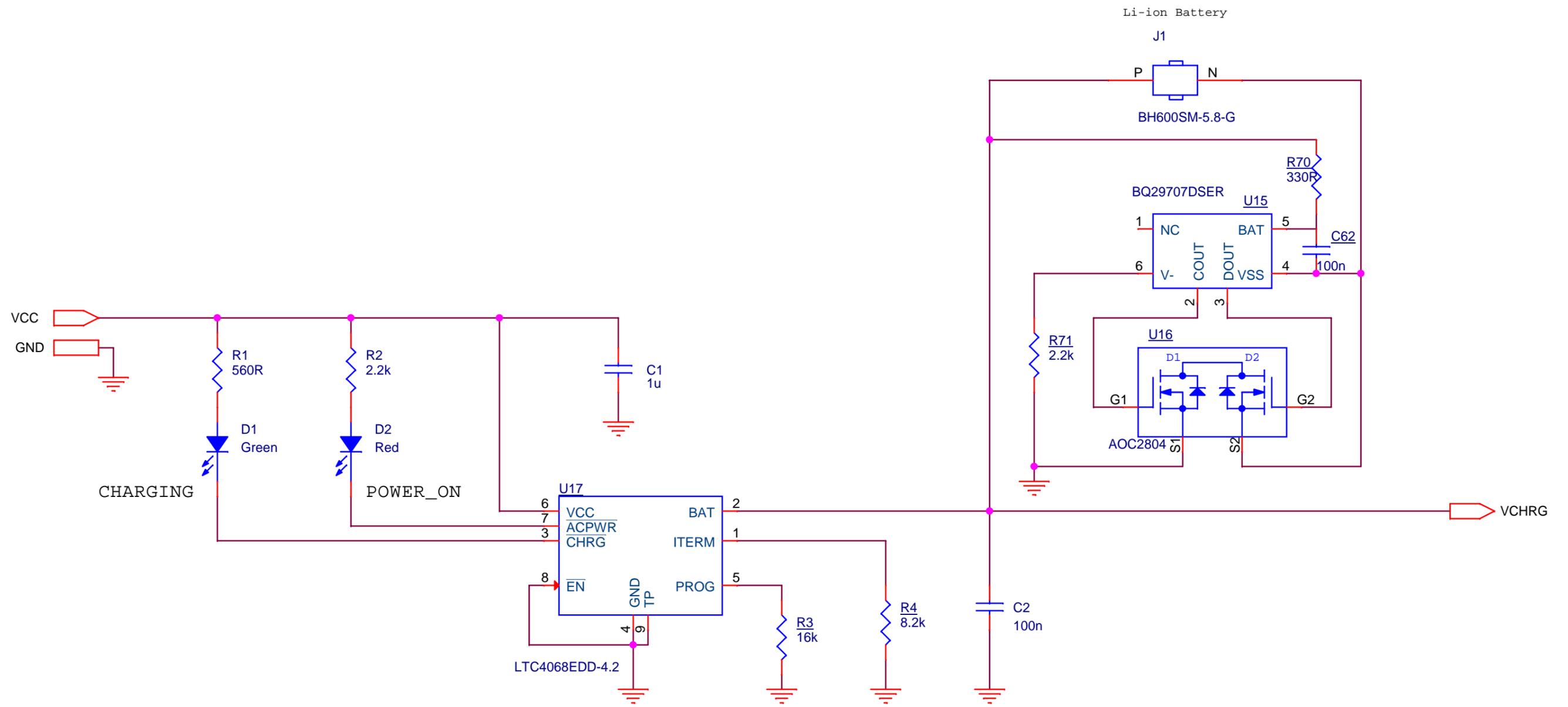


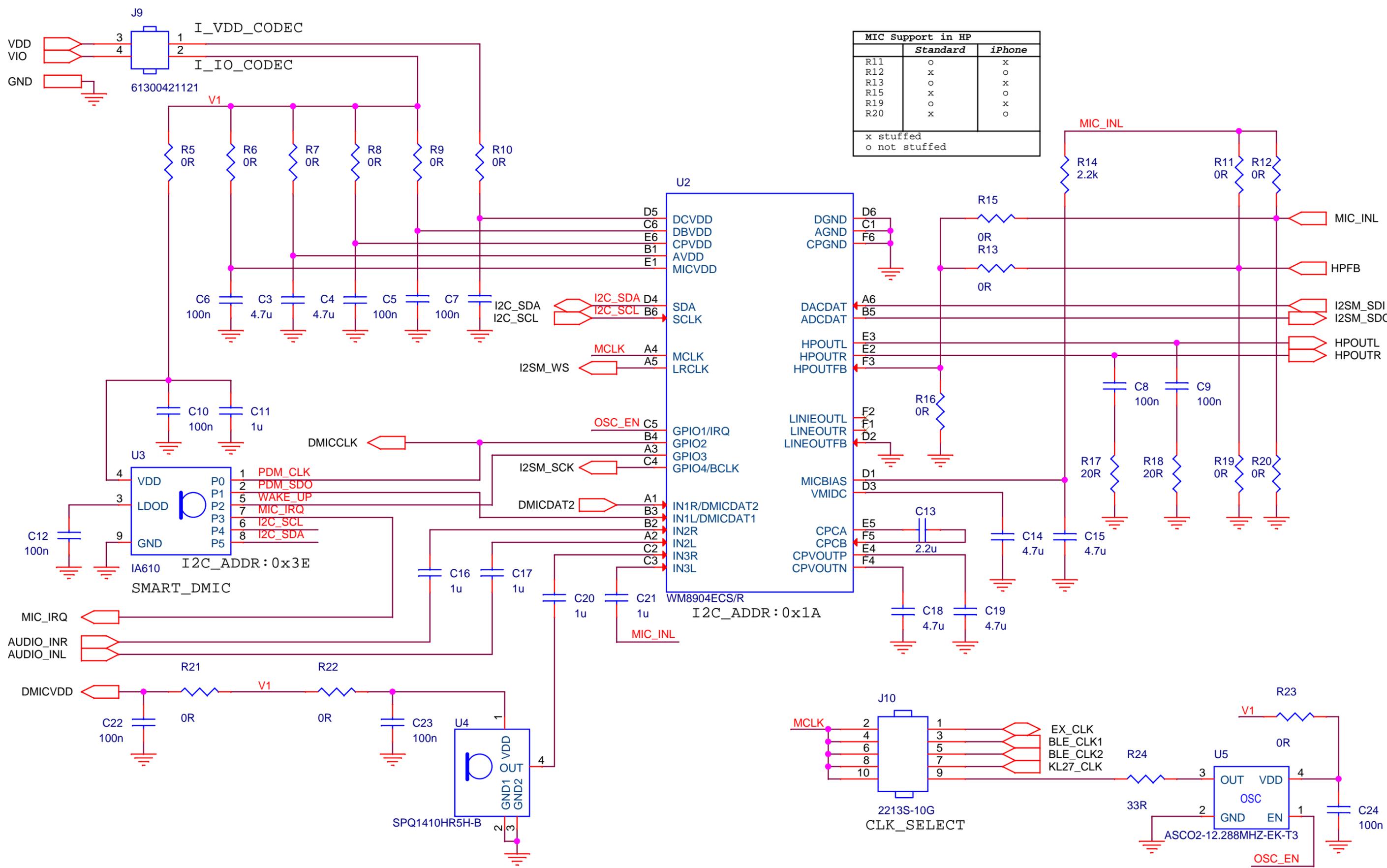
**BOARD CONFIGURATION**

Dongle Mode Selection  
 Config A1 = KL27 is I2S Master  
 Config A2 = CODEC is I2S Master

Title NxH3670 SDK Board - Block Diagram		
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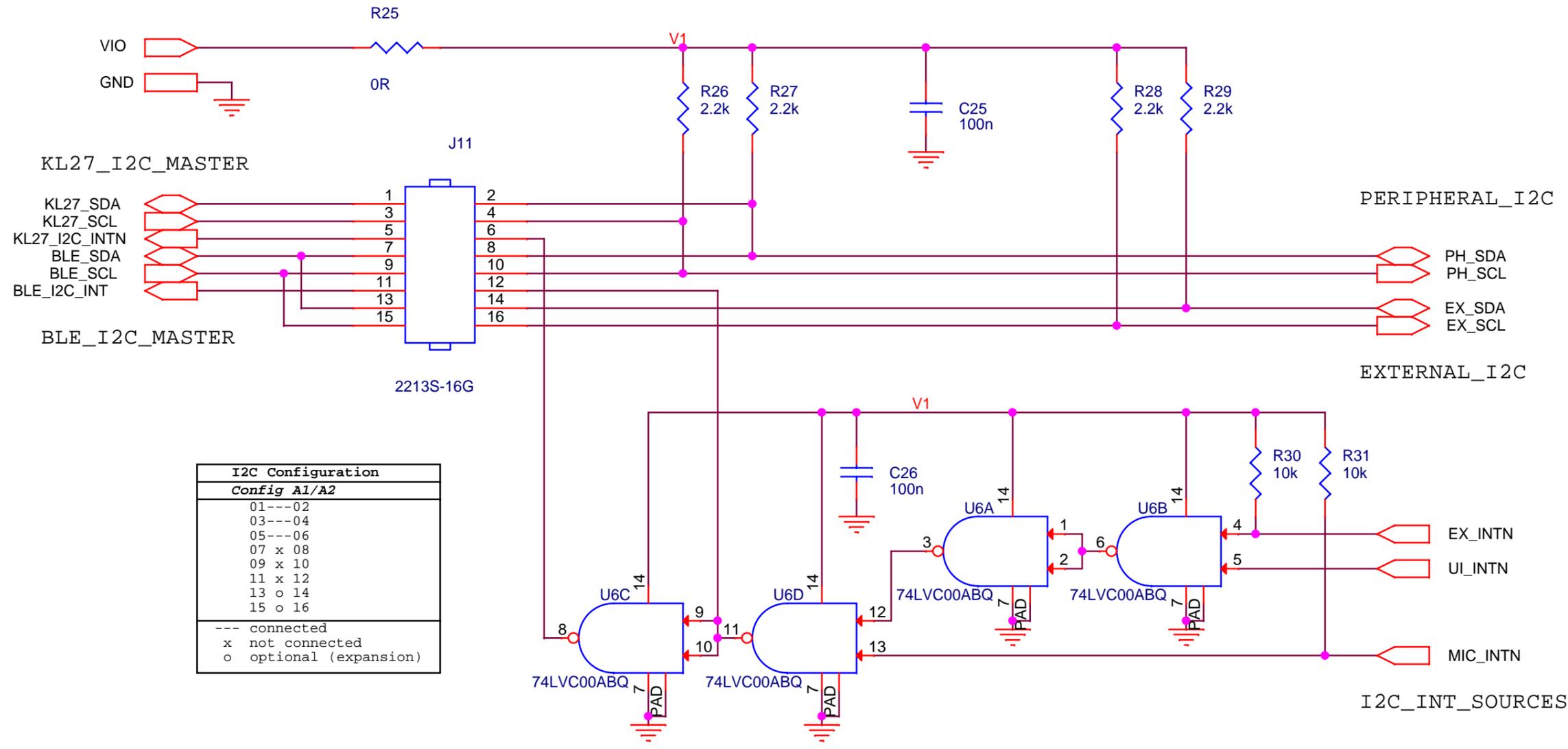


Title		
NXH3670 SDK Board - Charger		
Size	Document Number	Rev
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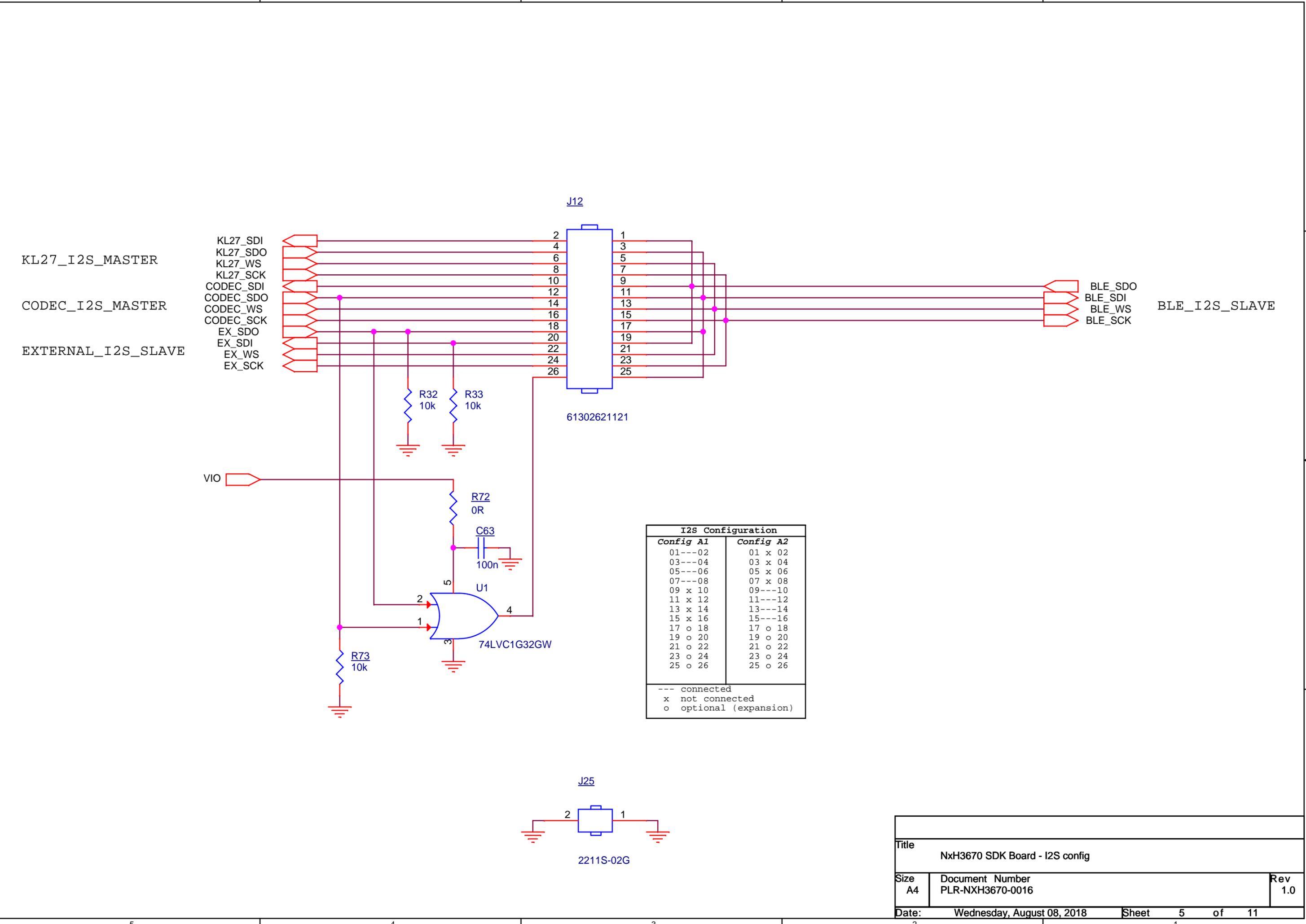


MIC Support in HP		
	Standard	iPhone
R11	o	x
R12	x	o
R13	o	x
R15	x	o
R19	o	x
R20	x	o

x stuffed  
o not stuffed



I2C Configuration	
Config A1/A2	
01	---02
03	---04
05	---06
07	x 08
09	x 10
11	x 12
13	o 14
15	o 16
--- connected	
x not connected	
o optional (expansion)	



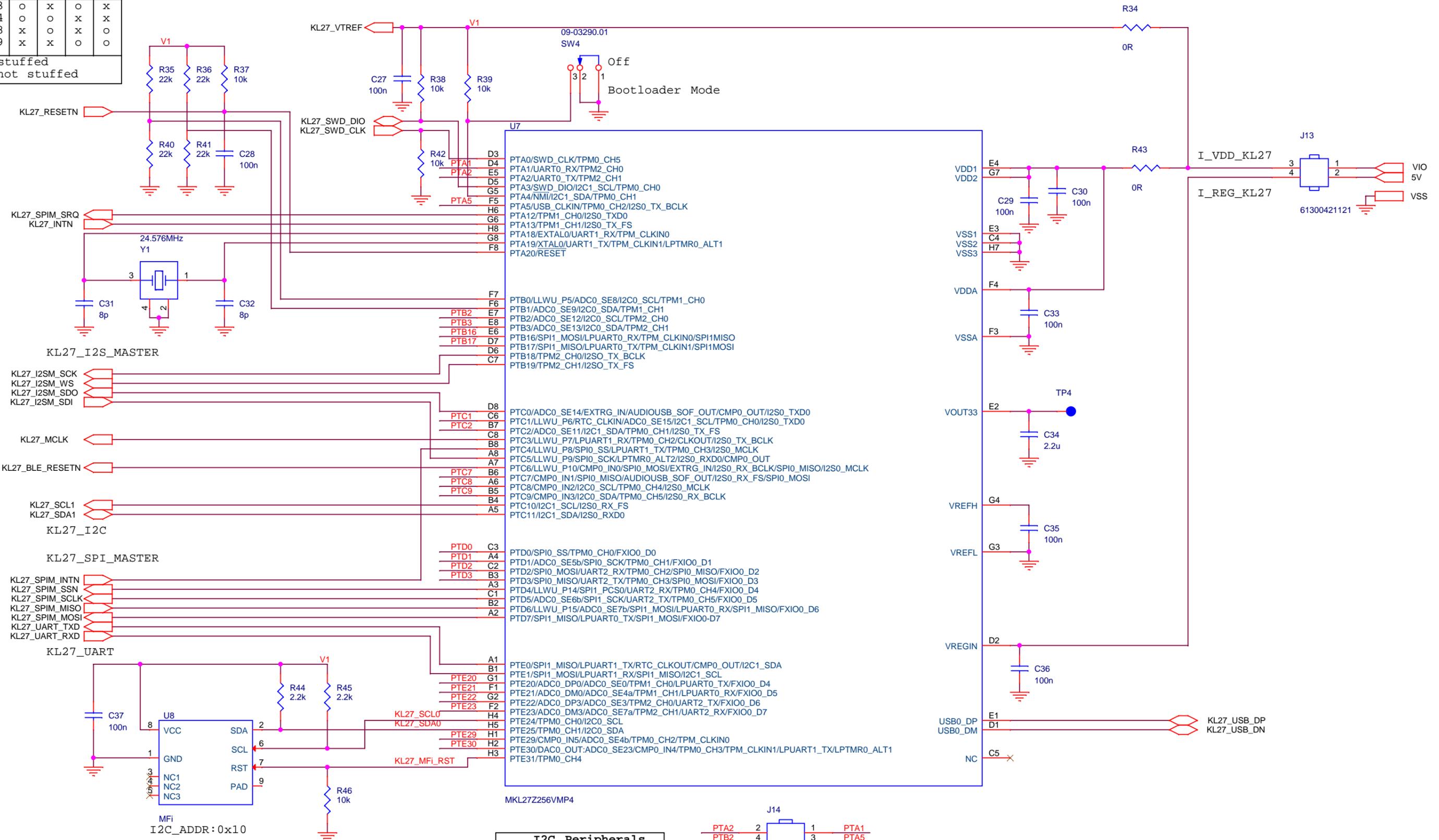
KL27\_I2S\_MASTER  
 KL27\_SDI  
 KL27\_SDO  
 KL27\_WS  
 KL27\_SCK  
 CODEC\_I2S\_MASTER  
 CODEC\_SDI  
 CODEC\_SDO  
 CODEC\_WS  
 CODEC\_SCK  
 EXTERNAL\_I2S\_SLAVE  
 EX\_SDO  
 EX\_SDI  
 EX\_WS  
 EX\_SCK

BLE\_I2S\_SLAVE  
 BLE\_SDO  
 BLE\_SDI  
 BLE\_WS  
 BLE\_SCK

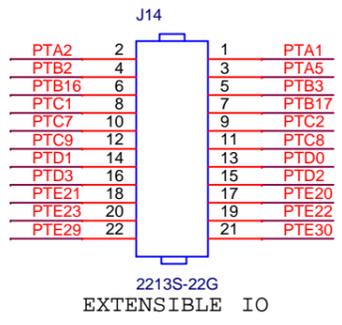
I2S Configuration	
Config A1	Config A2
01---02	01 x 02
03---04	03 x 04
05---06	05 x 06
07---08	07 x 08
09 x 10	09---10
11 x 12	11---12
13 x 14	13---14
15 x 16	15---16
17 o 18	17 o 18
19 o 20	19 o 20
21 o 22	21 o 22
23 o 24	23 o 24
25 o 26	25 o 26

--- connected  
 x not connected  
 o optional (expansion)

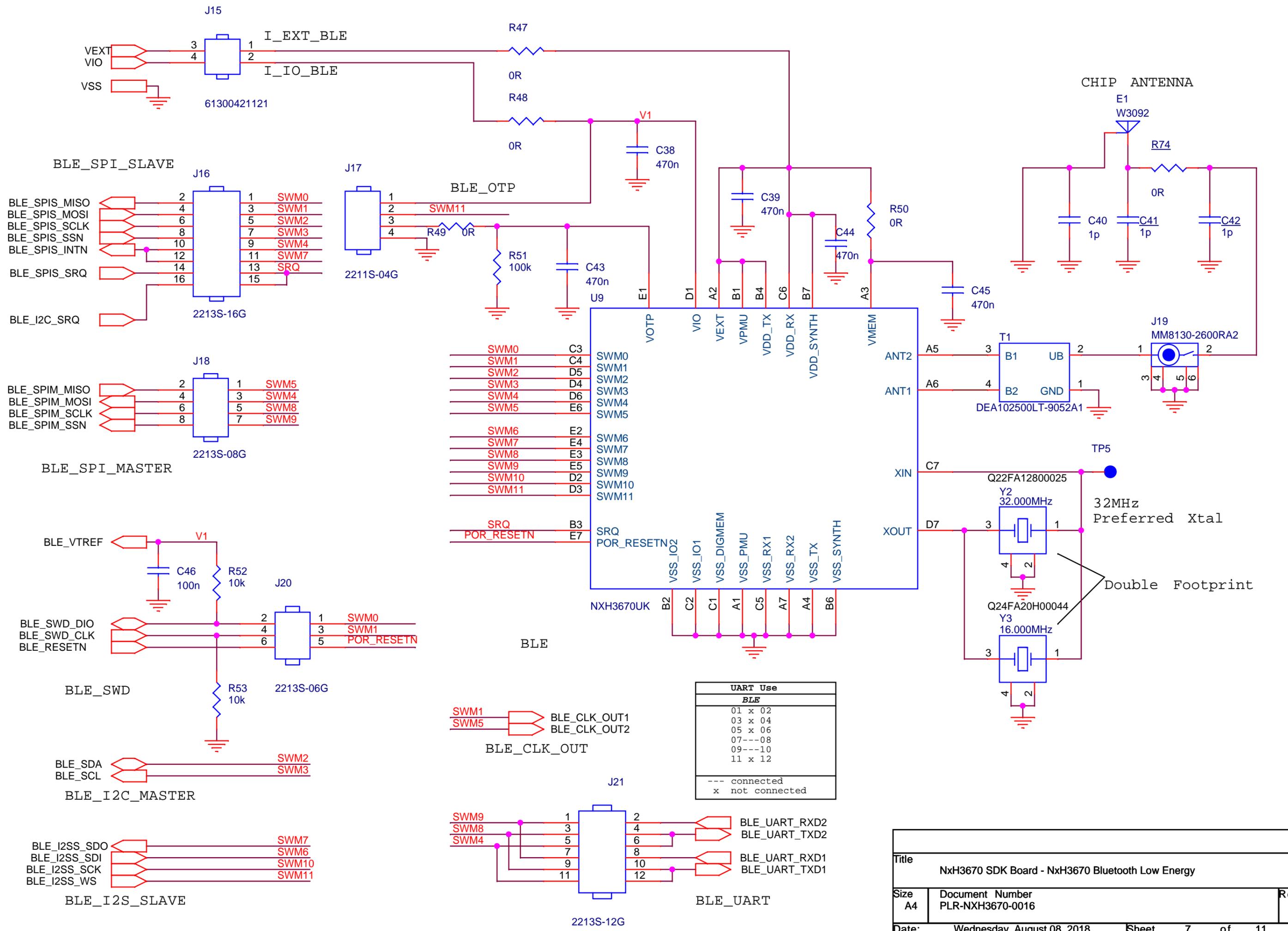
VERSION				
	V1	V2	V3	V4
R33	o	x	o	x
R34	x	o	x	x
R38	x	o	x	o
R39	x	x	o	o
x stuffed				
o not stuffed				



I2C Peripherals	
Peripheral	Address
AUDIO CODEC	0x1A
SMART MIC	0x3E
IO EXPANDER	0x20
NxH2280	0x10



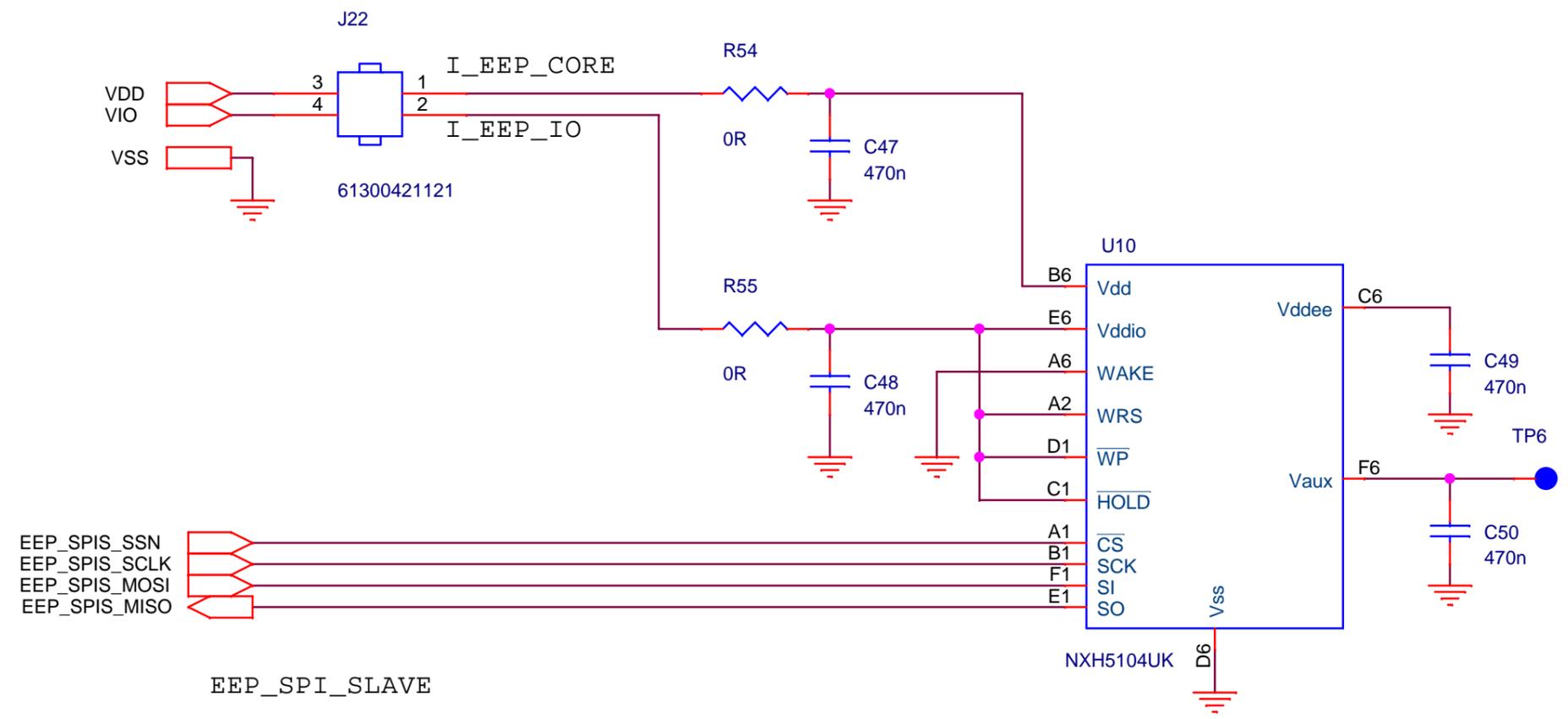
Title NxH3670 SDK Board - Kinetis KL27 USB Controller		
Size A3	Document Number PLR-NXH3670-0016	Rev 1.0
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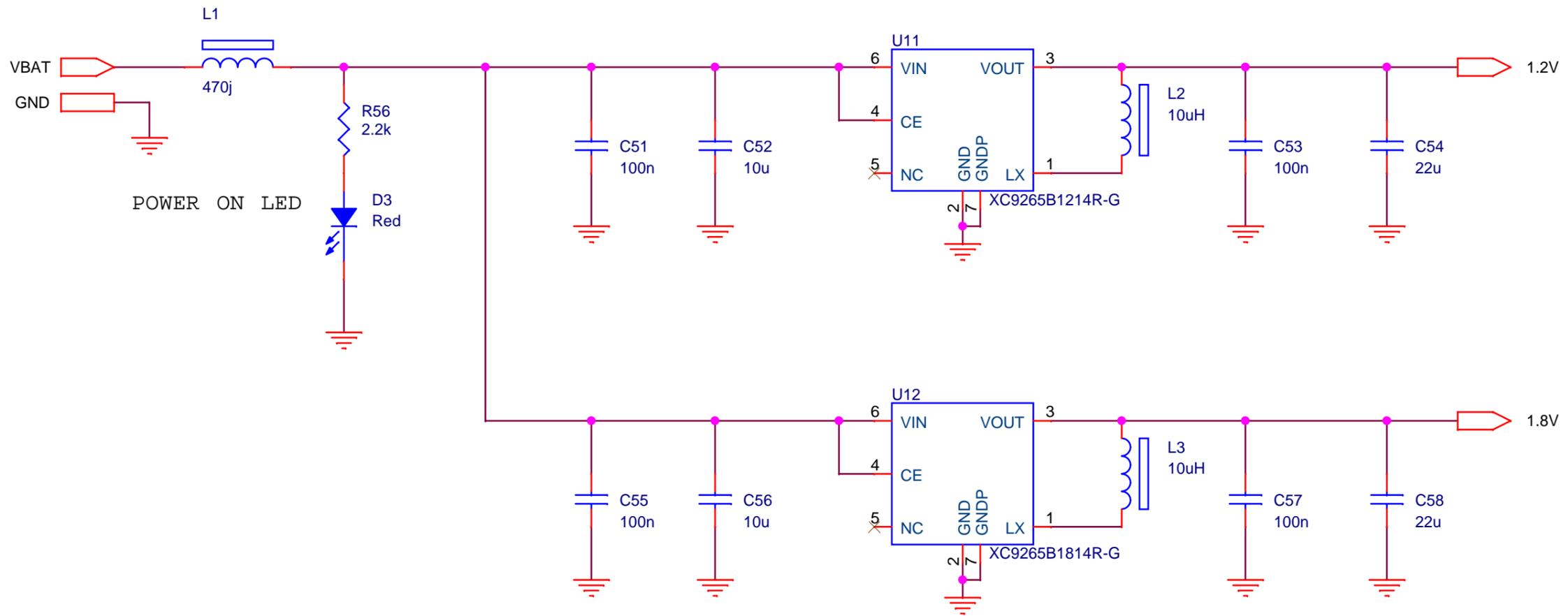
SWM0	C3	SWM0
SWM1	C4	SWM1
SWM2	D5	SWM2
SWM3	D4	SWM3
SWM4	D6	SWM4
SWM5	E6	SWM5
SWM6	E2	SWM6
SWM7	E4	SWM7
SWM8	E3	SWM8
SWM9	E5	SWM9
SWM10	D2	SWM10
SWM11	D3	SWM11
SRQ	B3	SRQ
POR_RESETN	E7	POR_RESETN

UART Use	
BLE	
01 x 02	
03 x 04	
05 x 06	
07---08	
09---10	
11 x 12	
---	connected
x	not connected

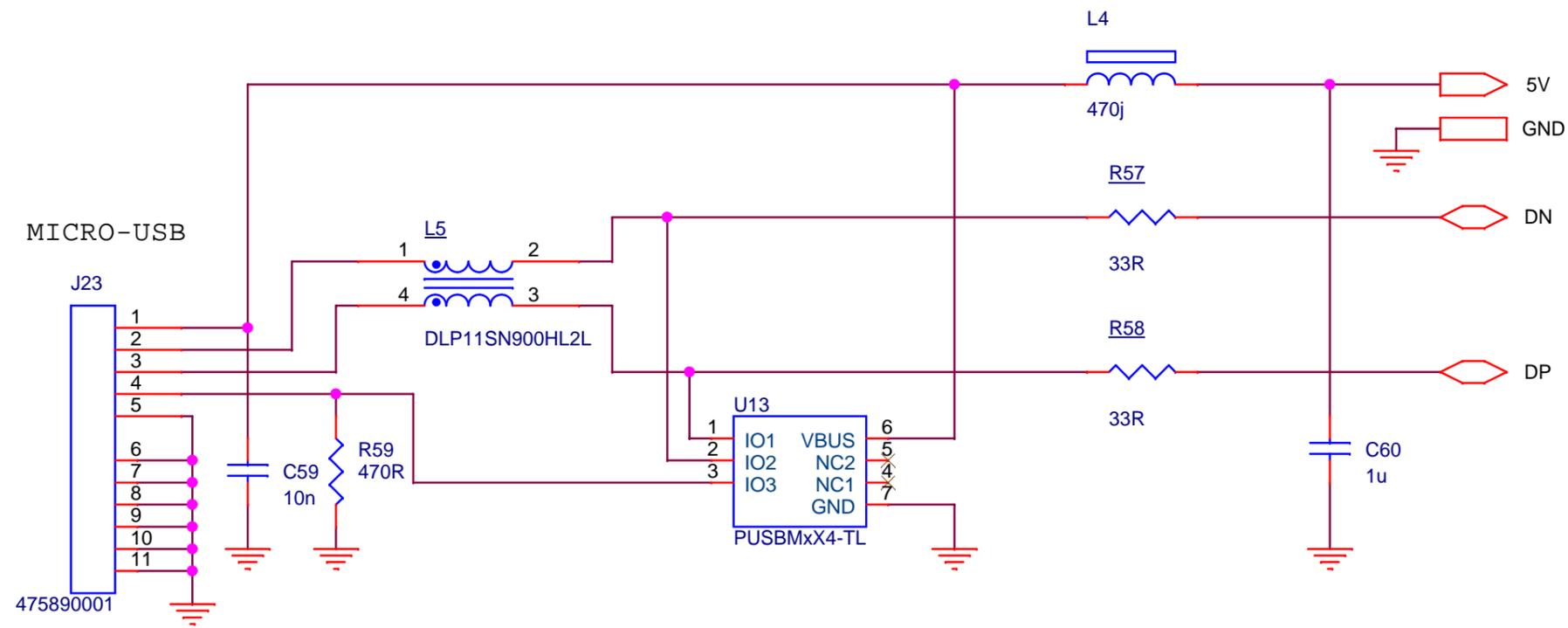
Title		
NxH3670 SDK Board - NxH3670 Bluetooth Low Energy		
Size	Document Number	Rev
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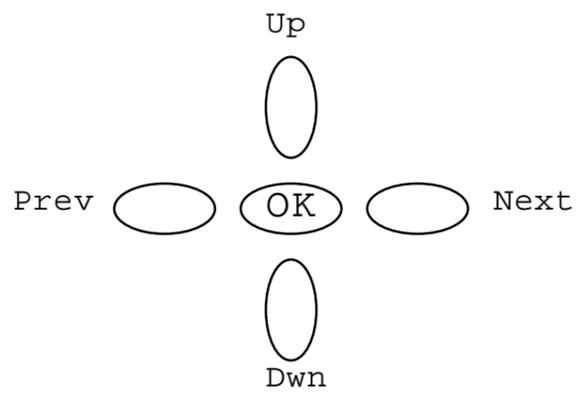
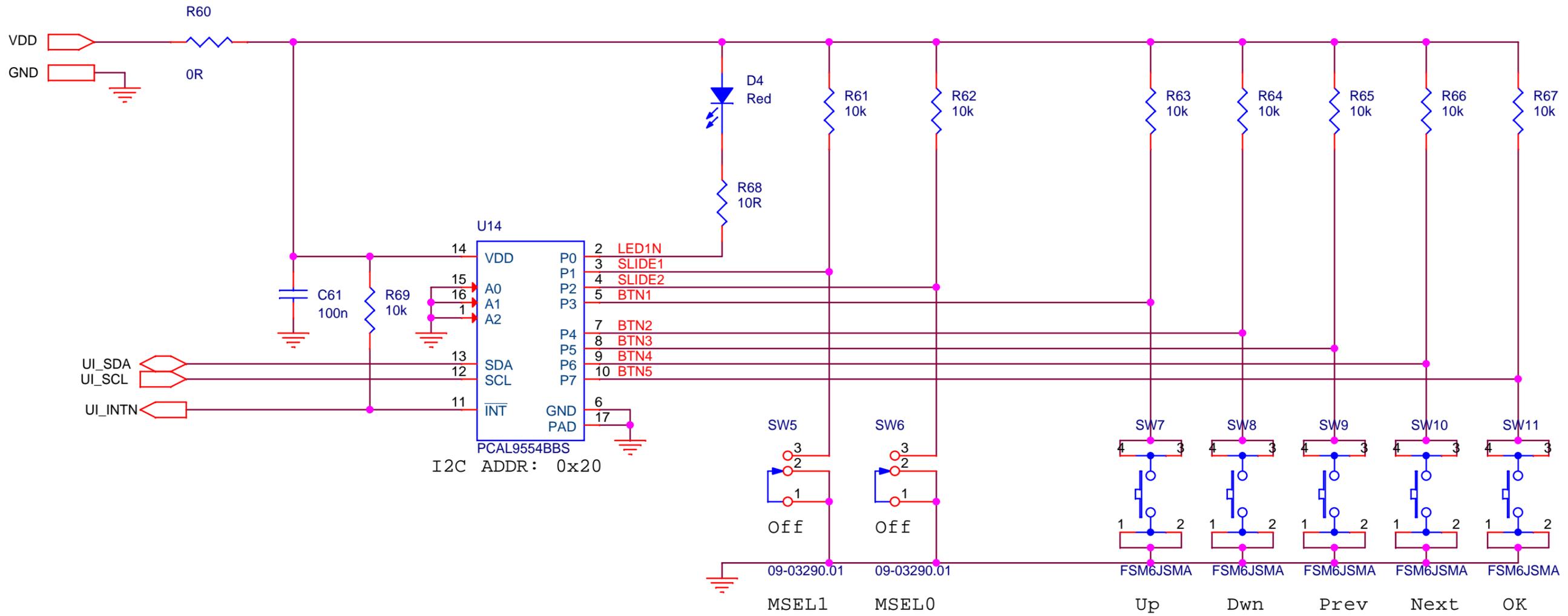
Title		
NxH3670 SDK Board - NXH5104 EEPROM		
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Title		
NxH3670 SDK Board - Supply		
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Title		
NxH3670 SDK Board - USB Connection		
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Title		
NxH3670 SDK Board - User Interface		
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