

1

2

3

4

A

A

B

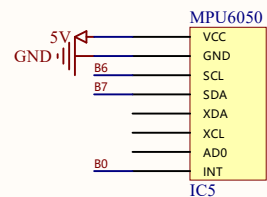
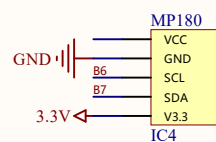
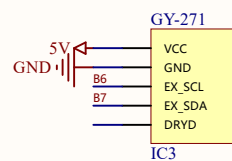
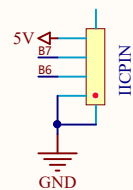
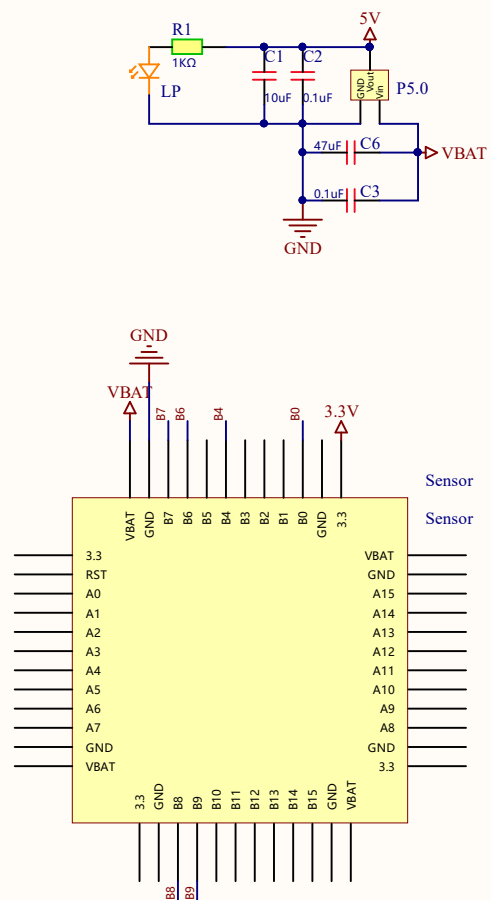
B

C

C

D

D



名称：传感器拓展板

尺寸：A4

设计师：Meano

版本：1.2

日期：2016/7/11

项目：Sensor.PrjPcb



1

2

3

4

SmartTuna

U Sensor-V1.2

GY-521

GY-271

GY-68

INT

SDA

SCL

GND

5V

SDA

SCL

GND

5V

IICPIN

SCL

SDA

3.3V

5V

C1

C2

C3

C6

P5.0

GND

VBAT

IR1

SDA

SCL

GND

5V



Comment	Description	Designator	Footprint	LibRef	Quantity	Value
Cap	Cap Normal	C1	Cap - 0805	Cap	1	10uF
Cap	Cap Normal	C2, C3	Cap - 0805	Cap	2	0.1uF
Cap	Cap Normal	C6	Cap - 0805	Cap	1	47uF
IC3		GY-271	GY-271	GY-271	1	
SMTPIN-4P	SMTPIN-4P	IICPIN	SMTPIN STAND-4P-1.25	SMTPIN-4P	1	
LED Light		LP	LED - 0805	LED	1	
IC4		MP180	MP180	MP180	1	
IC5		MPU6050	MUP6050	MPU6050	1	
PowerIC	PowerControl	P5.0	ASM1117	ASM1117 - 5.0	1	
Res	Res	R1	Res - 0805	Res	1	1KΩ
Sensor		Sensor	ServoMotor	ServoMotor	1	