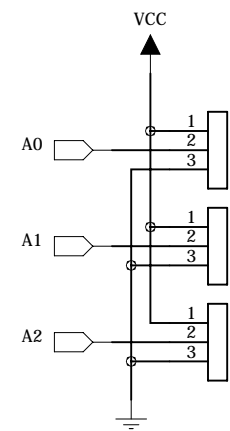# ARTEKIT
ELECTRONIC ARTISTS
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AK-PCF8575 - I2C 16 I/O Digital Expander With NV Memory
SCHEMATIC DIAGRAM REVISION 1.0

BOARD
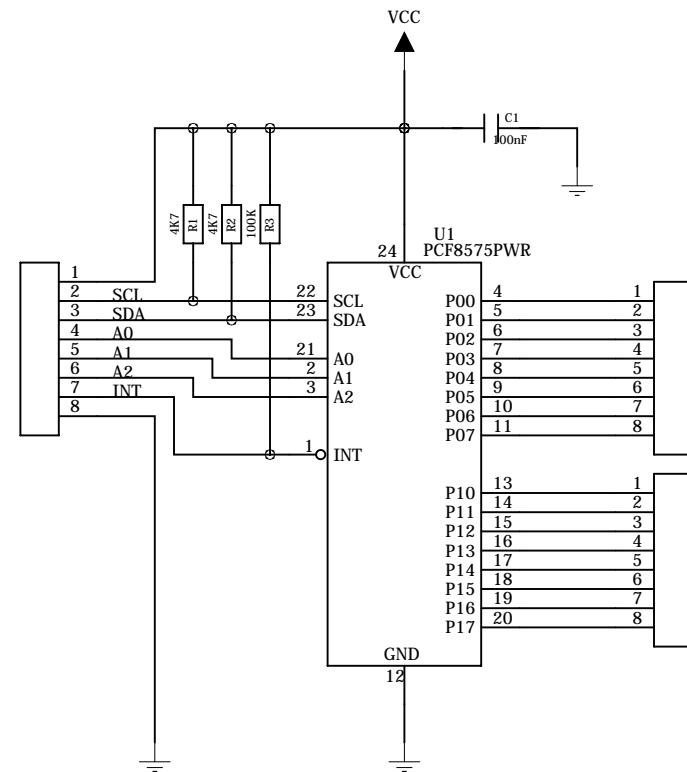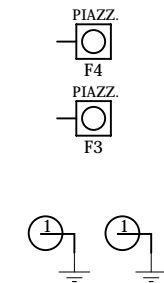
VCC

C1
00nF

U1
PCF8575PWR

1		
2	SCL	
3	SDA	
4	A0	
5	A1	
6	A2	
7	INT	
8		

24 VCC

22 SCL
23 SDA

21 A0
2 A1
3 A2

1 INT

4 P00
5 P01
6 P02
7 P03
8 P04
9 P05
10 P06
11 P07

P10 13
P11 14
P12 15
P13 16
P14 17
P15 18
P16 19
P17 20

GND
12

4K7 R1
4K7 R2
100K R3

VCC

A0

A1

A2

MECHANICAL

PIAZZ.
F4

PIAZZ.
F3

Design Disclaimer

ARTEKIT
electronic artists

| COMPANY: | ARTEKIT ITALY |
| TITLE: | AK-PCF8575 |

DRAWN: RHM	DATED: 15/03/2014	SIZE: B	I2C 16 I/O Digital Expander With NV Memory	REV:
CHECKED: IBM				
RELEASED: RHM/IBM	DATED: 15/03/2014	SCALE: 1/1		SHEET: 1 OF 1