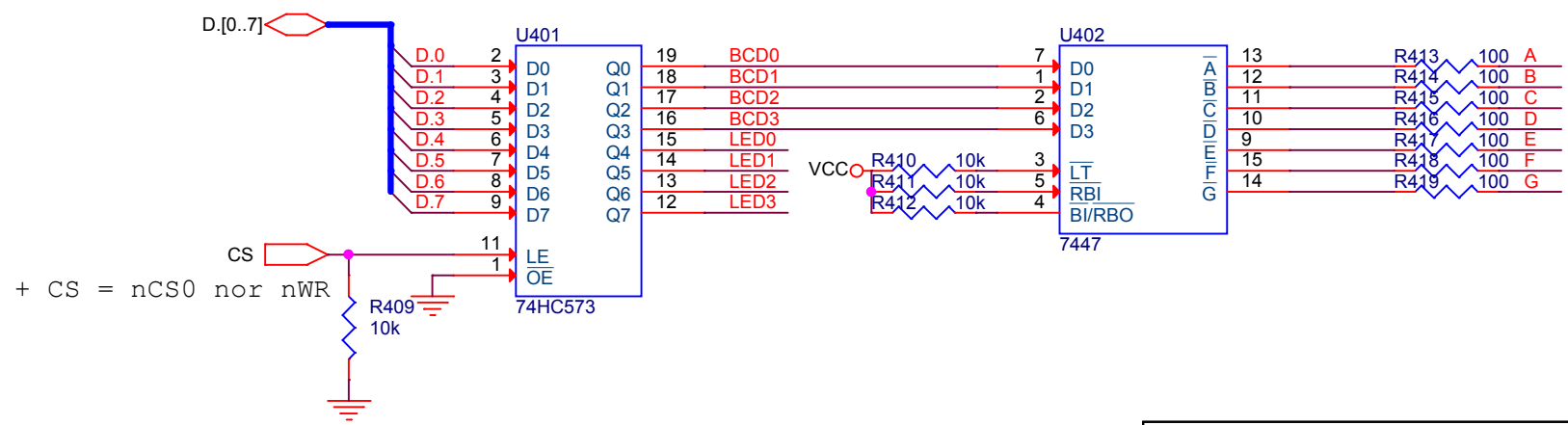
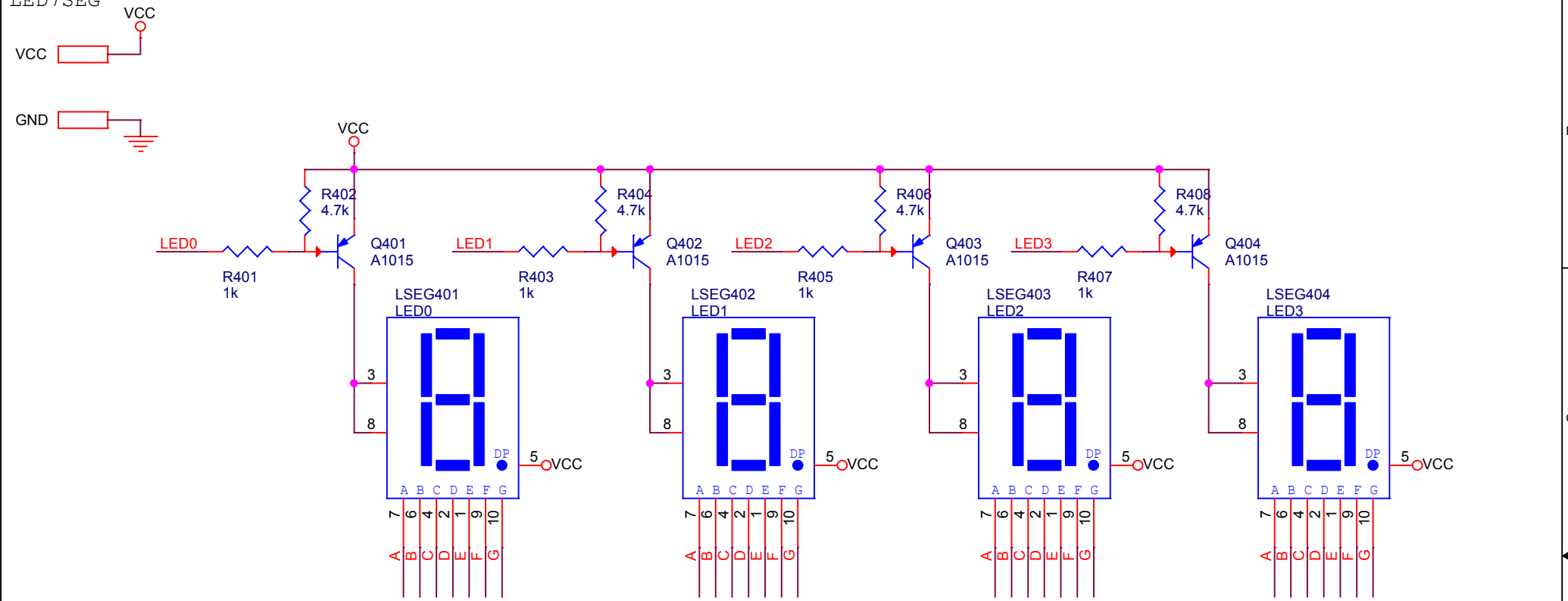


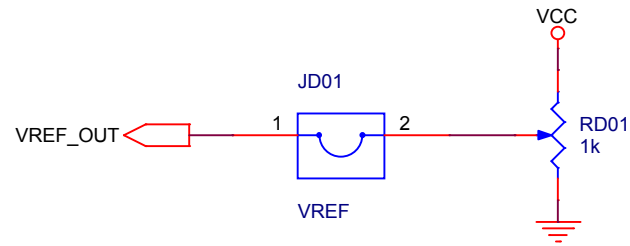
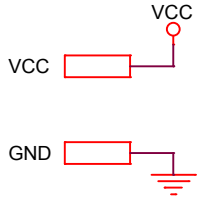
Title		
8051 EXPERIMENT KIT		
Size	Document Number	
B	ALL	
Date:	Tuesday, January 26, 2016	Sheet 0 of 16
		Rev 1.0

# LED7SEG



Title		
8051 EXPERIMENT KIT		
Size	Document Number	Rev
A	LED7SEG	1.0
Date:	Tuesday, January 26, 2016	Sheet 0 of 16

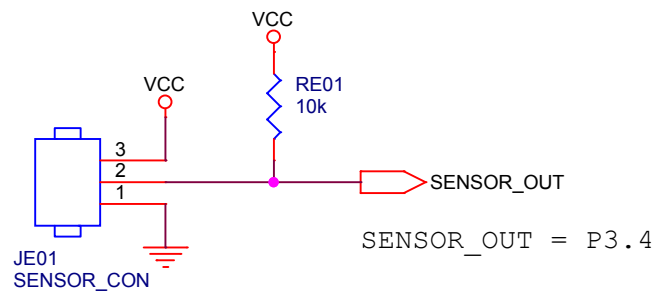
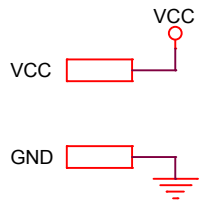
VREF



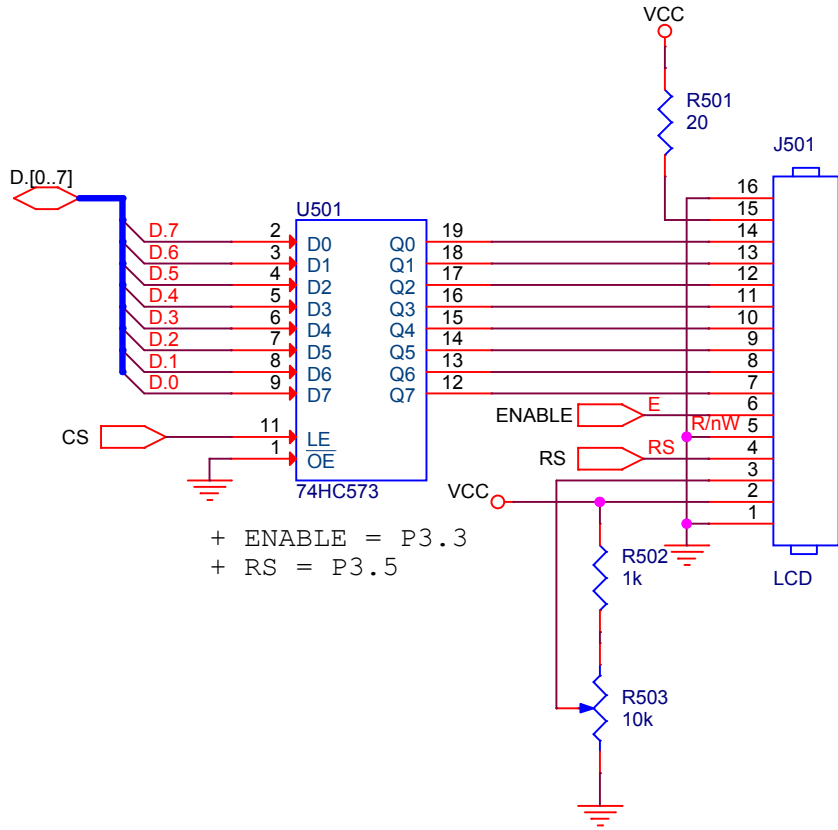
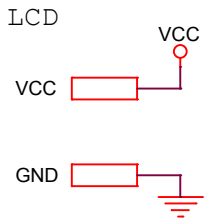
Jumper nay cho phep  
noi Vref den ngo  
vao IN0 cua ADC

Title		
8051 EXPERIMENT KIT		
Size A	Document Number TRIMMER	Rev 1.0
Date:	Tuesday, January 26, 2016	Sheet 0 of 16

SENSOR

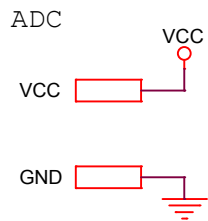


Title		
8051 EXPERIMENT KIT		
Size A	Document Number SENSOR	Rev 1.0
Date:	Tuesday, January 26, 2016	Sheet 0 of 16



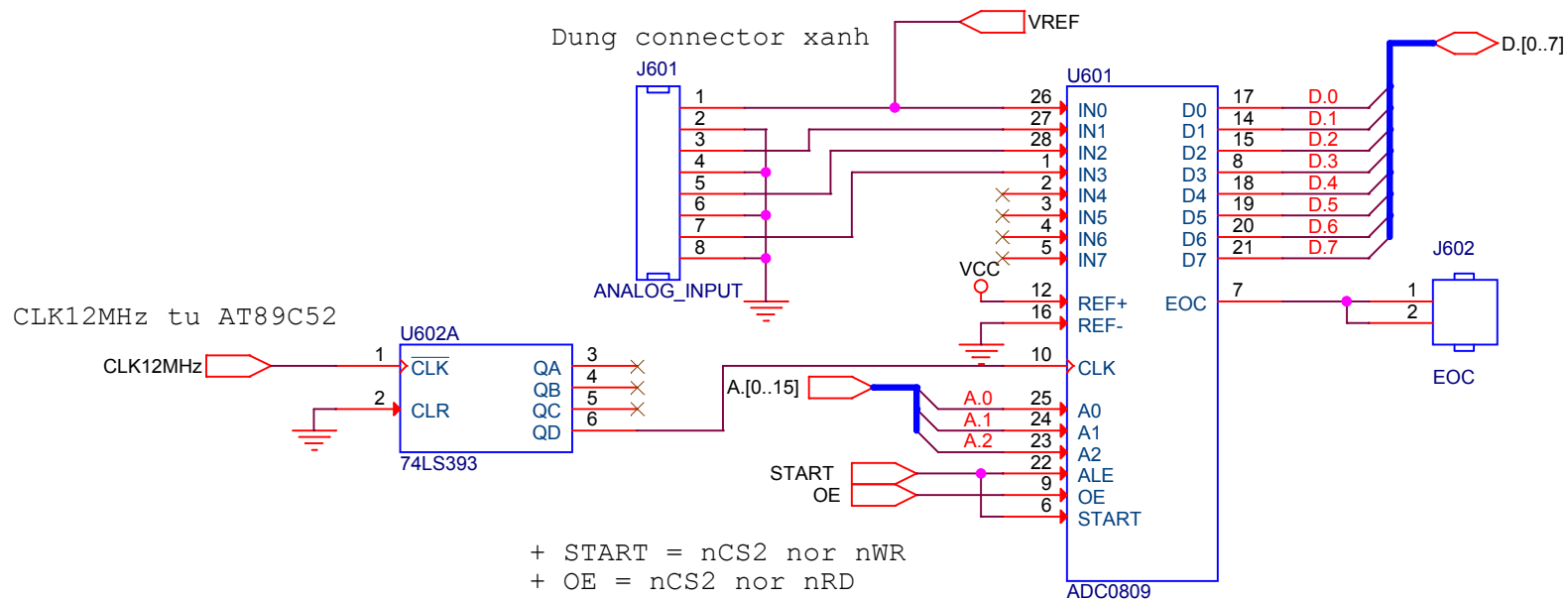
Chay o che do A/D

Title		
8051 EXPERIMENT KIT		
Size	Document Number	Rev
A	LCD	1.0
Date:	Tuesday, January 26, 2016	Sheet 0 of 16



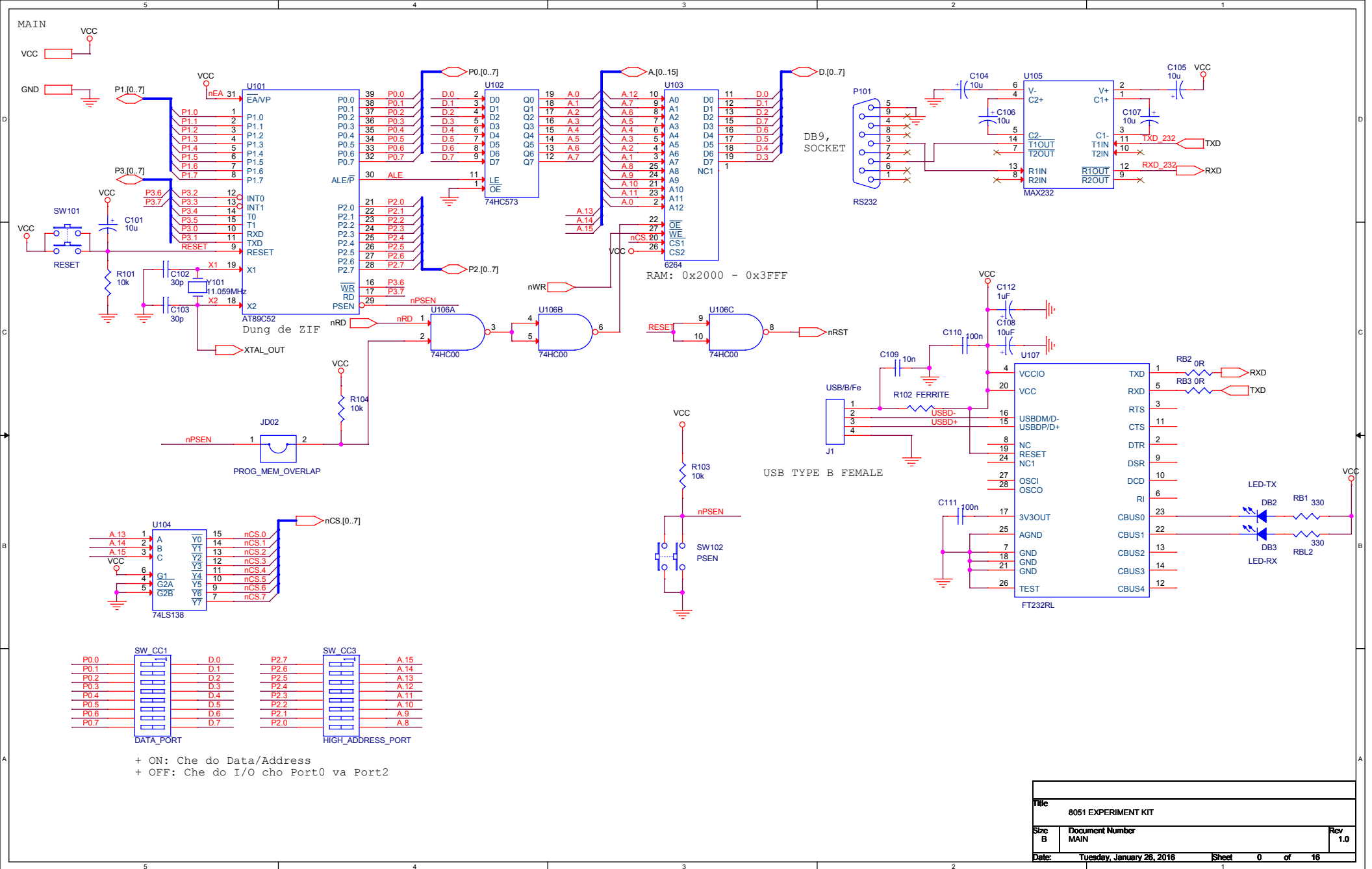
Chan IN0 co the duoc noi  
den bien tro bang jumper

Dung connector xanh



Chay o che do A/D

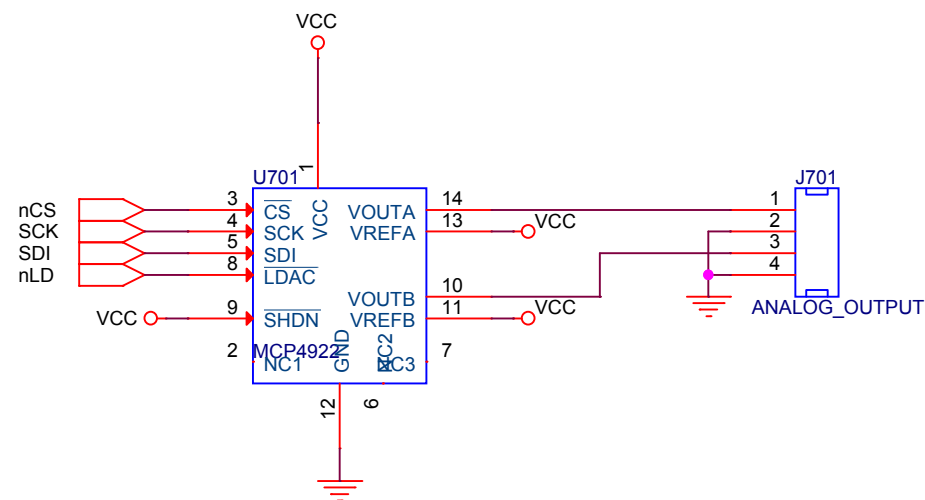
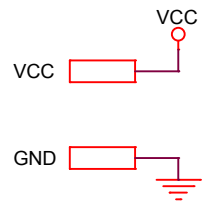
Title		
8051 EXPERIMENT KIT		
Size A	Document Number ADC	Rev 1.0
Date:	Tuesday, January 26, 2016	Sheet 0 of 16



+ ON: Che do Data/Address  
+ OFF: Che do I/O cho Port0 va Port2

Title			8051 EXPERIMENT KIT
Size	Document Number	Rev	
B	MAIN	1.0	
Date:	Tuesday, January 26, 2016	Sheet	0 of 16

DAC



- + nCS = P1.0
- + SCK = P1.1
- + SDI = P1.2
- + nLD = P1.3

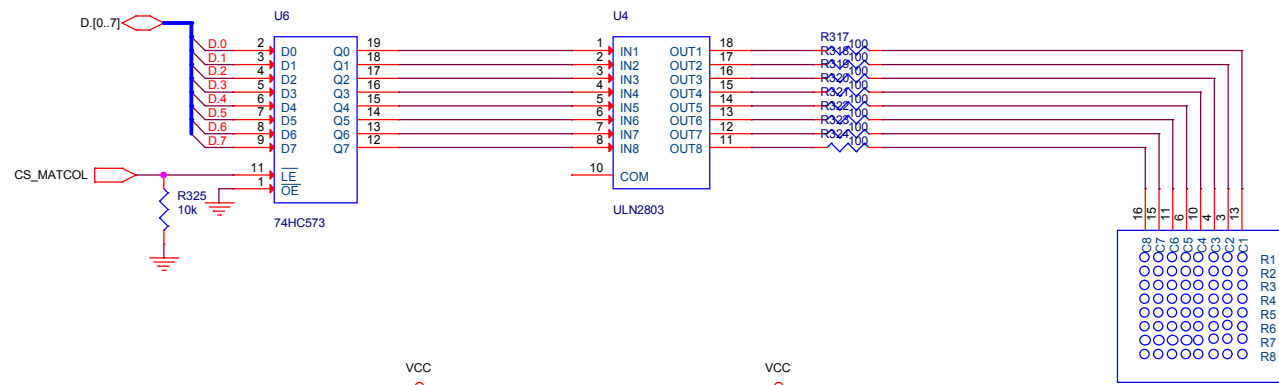
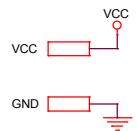
- + Có thể dùng MCP1541 để tạo áp tham khảo 4.096V chính xác cho AD/DA 12-bit
- + Thiết kế này chỉ chạy gan dung bằng VREF 5V

Chạy ở chế độ I/O Port (SPI)

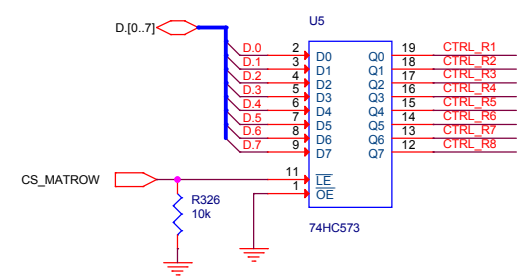
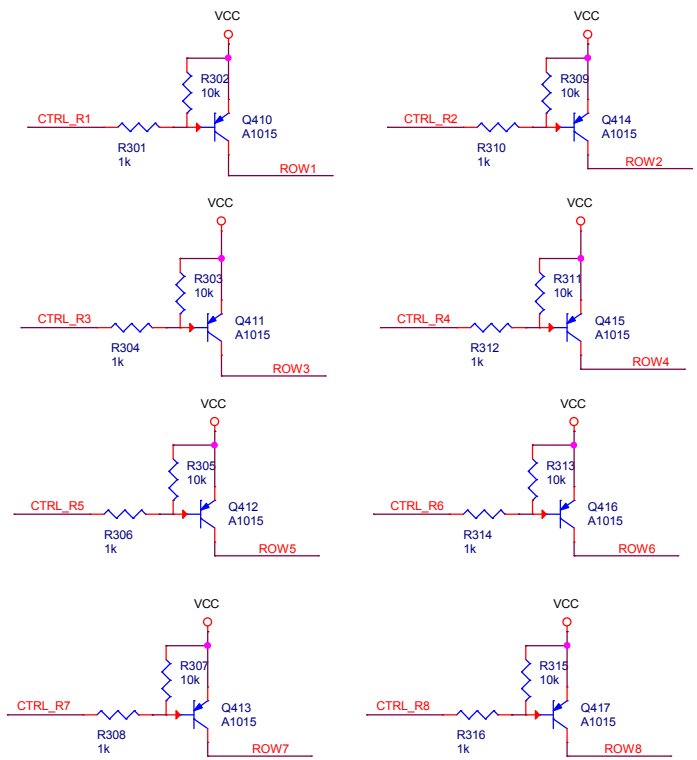
Title		
8051 EXPERIMENT KIT		
Size A	Document Number DAC	Rev 1.0
Date:	Tuesday, January 26, 2016	Sheet 0 of 16



MATRIX LED

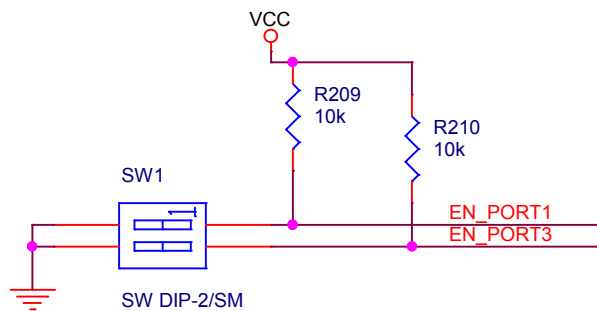
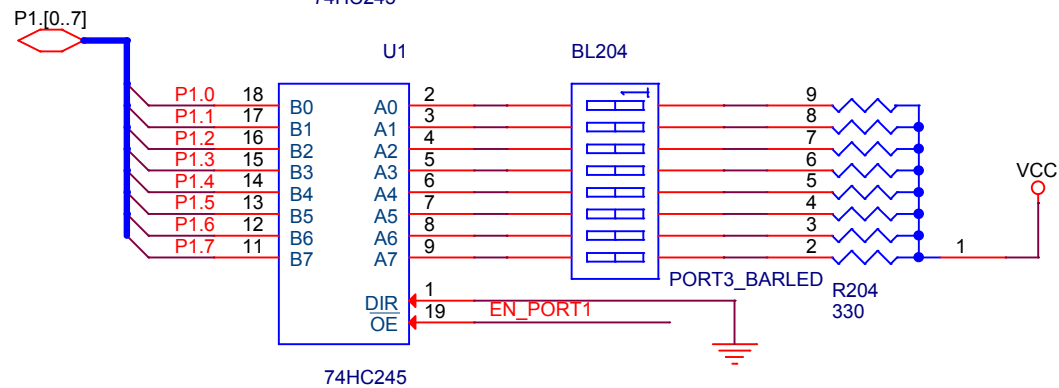
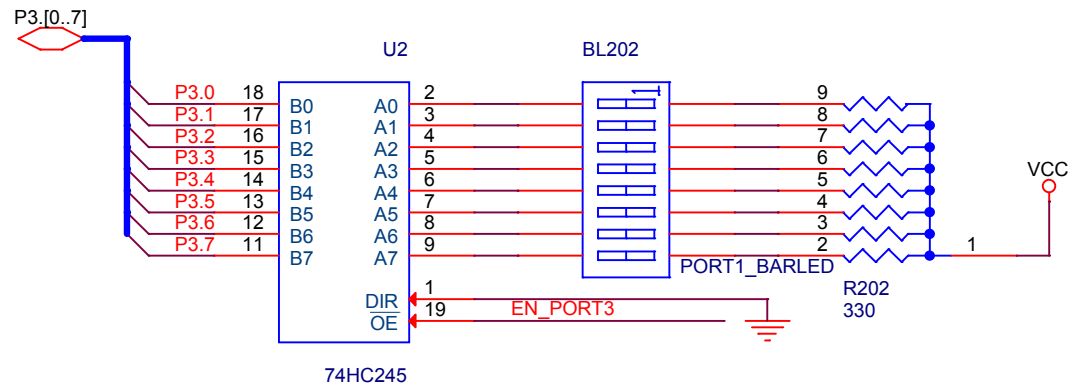
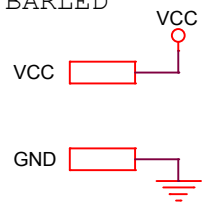


Hang anode,  
cot cathode



Title			8051 EXPERIMENT KIT
Size	Document Number	Rev	
B	LED MATRIX	1.0	
Date:	Tuesday, January 26, 2016	Sheet	0 of 16

BARLED

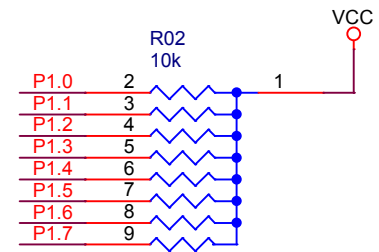
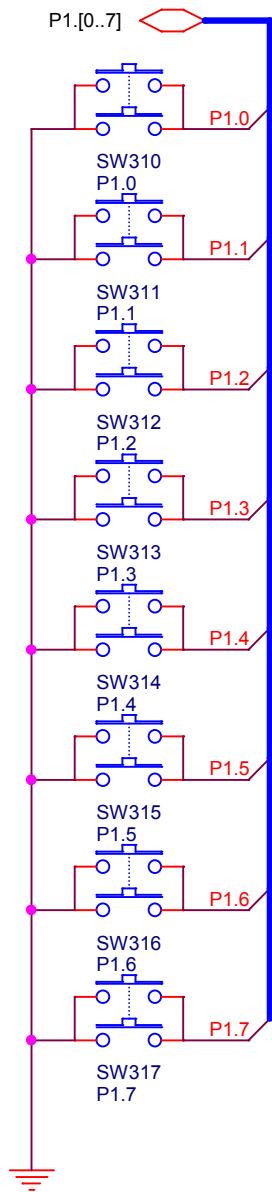
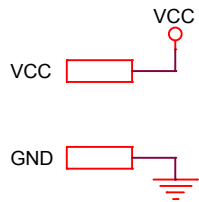


+ SW1 ON: cho phep  
Barled tuong ung.  
+ LEDS: tich cuc muc  
thap.

Chay o che do I/O Port

Title		
8051 EXPERIMENTKIT		
Size A	Document Number BARLED	Rev 1.0
Date:	Tuesday, January 26, 2016	Sheet 0 of 16

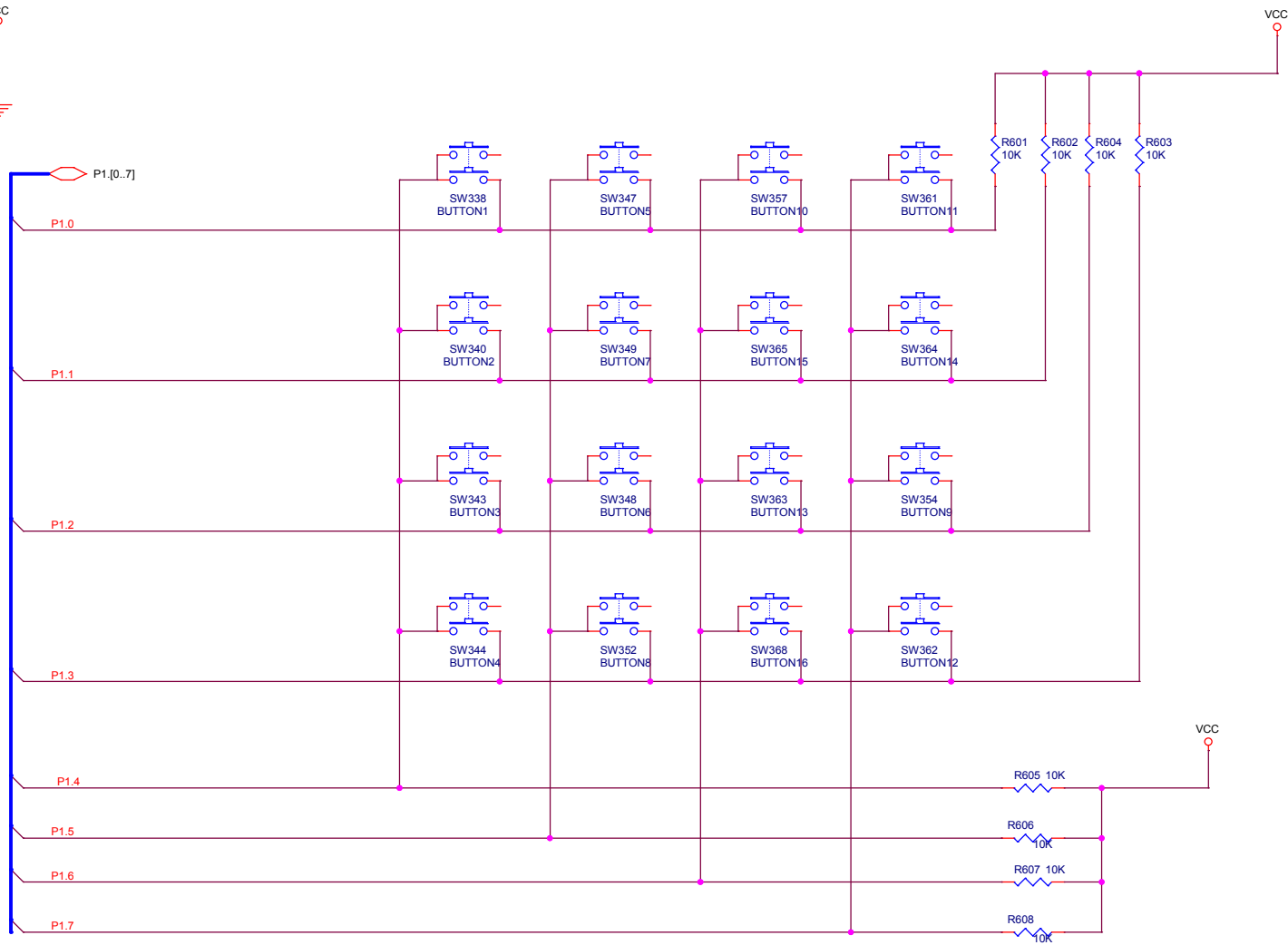
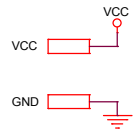
PUSH BUTTON



Chay o che do I/O Port

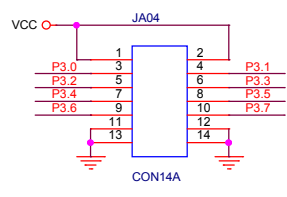
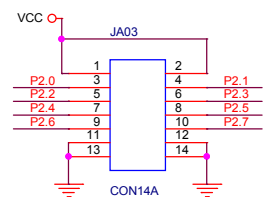
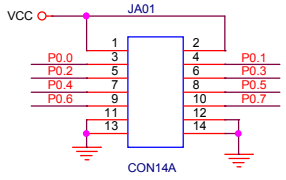
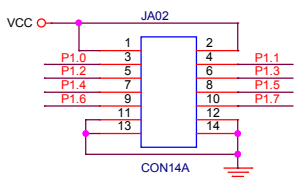
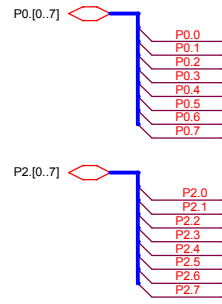
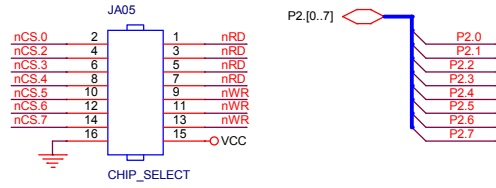
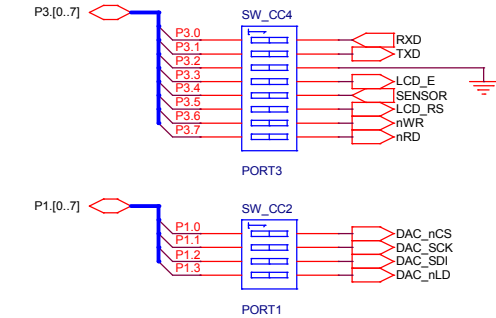
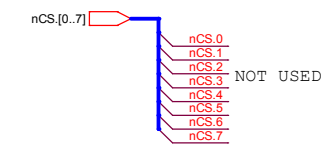
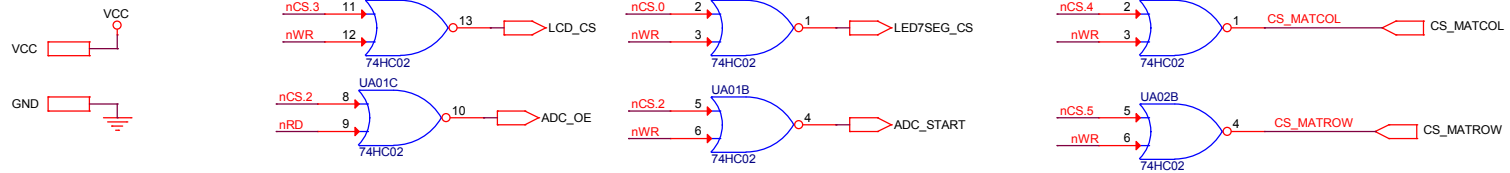
Title		
8051 EXPERIMENT KIT		
Size A	Document Number PUSH BUTTON	Rev 1.0
Date:	Tuesday, January 26, 2016	Sheet 0 of 16

# PUSH BUTTON



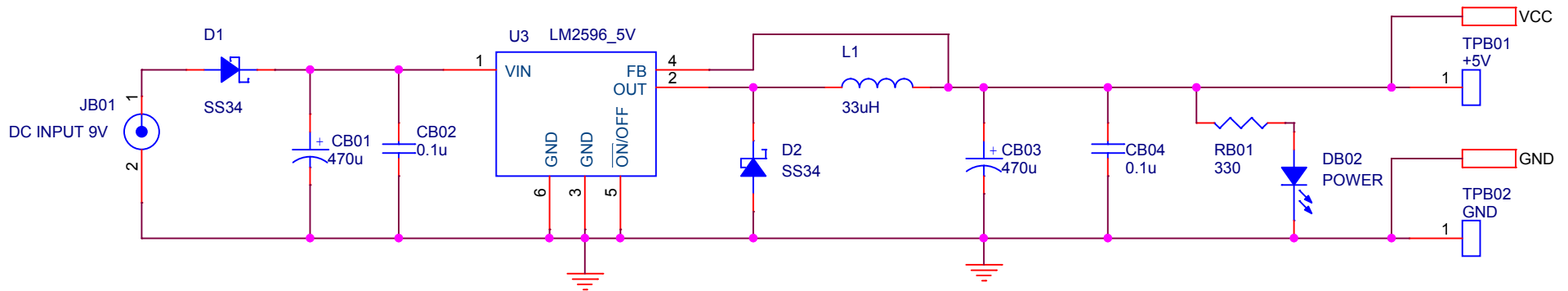
Title		
8051 EXPERIMENT KIT		
Size	Document Number	Rev
B	MATRIX KEYPAD	1.0
Date:	Tuesday, January 26, 2016	Sheet 0 of 16

ASSIGN



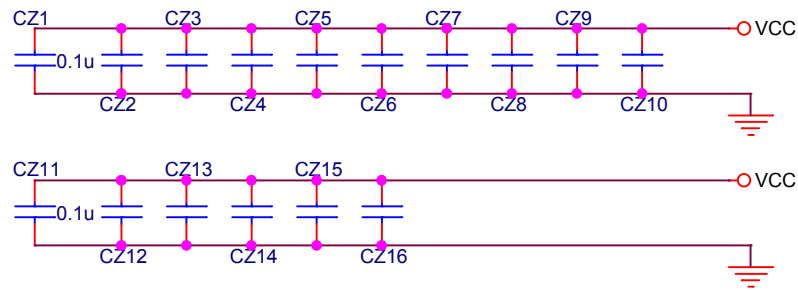
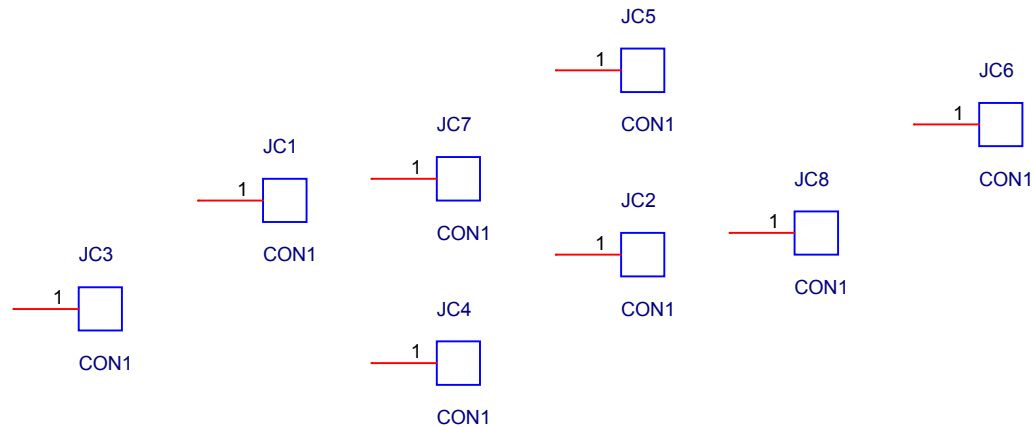
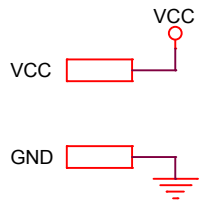
Title			8051 EXPERIMENT KIT		
Size	Document Number				Rev
B	ADDRESS DECODE				1.0
Date:	Tuesday, January 26, 2016		Sheet	0	of 16

POWER SUPPLY



Title		
8051 EXPERIMENT KIT		
Size	Document Number	Rev
A	POWER SUPPLY	1.0
Date:	Tuesday, January 26, 2016	Sheet 0 of 16

FILTER CAP



Title		
8051 EXPERIMENT KIT		
Size A	Document Number FILTER	Rev 1.0
Date:	Tuesday, January 26, 2016	Sheet 1 of 16