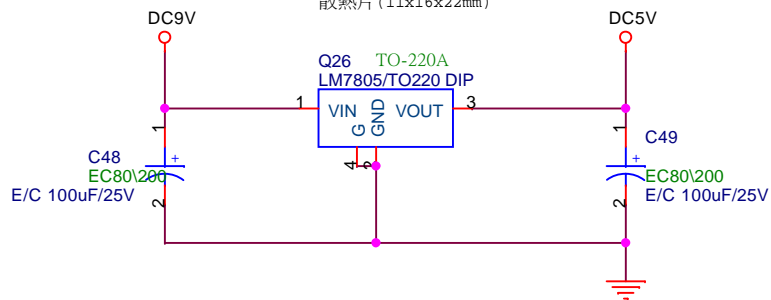


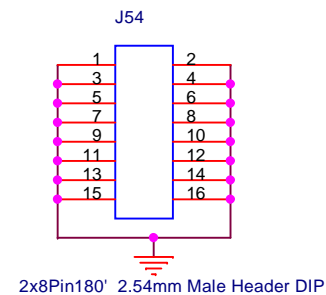
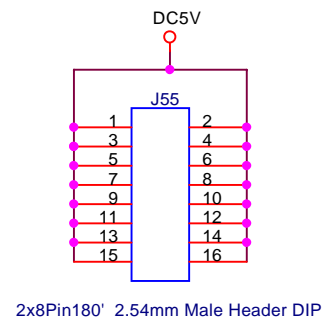
POWER 電路 5V, 加裝散熱片

散熱片 (11x16x22mm)



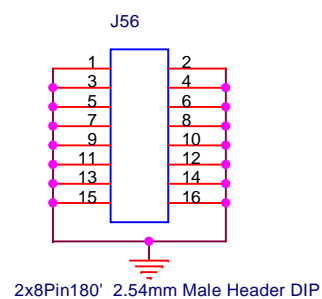
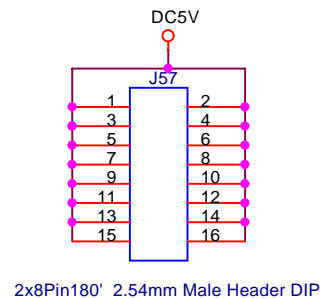
DC 5V

GND

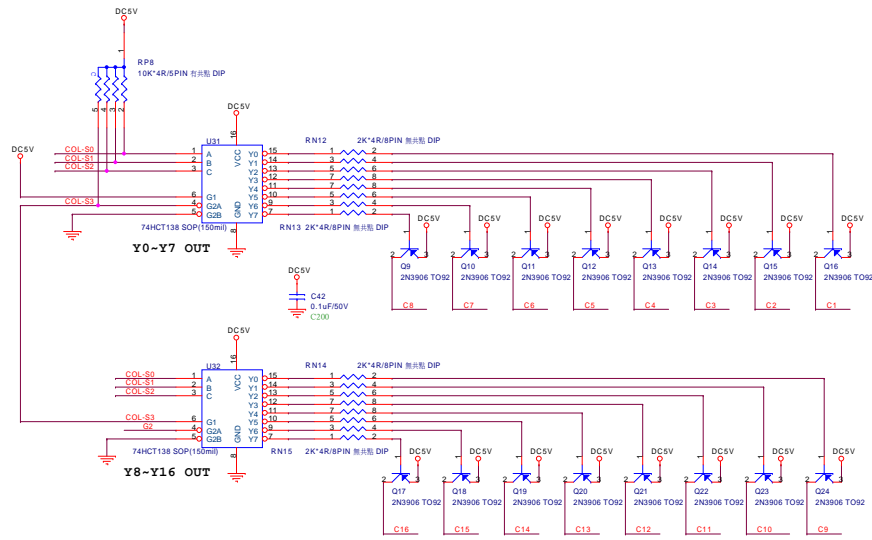


DC 5V

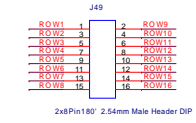
GND



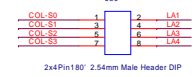
16x16 MATRIXDOT LED



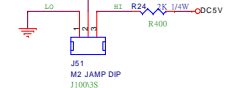
ROW1~16



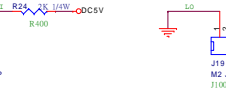
COL_SEL LATCH



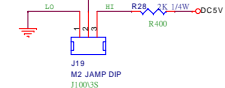
16X16



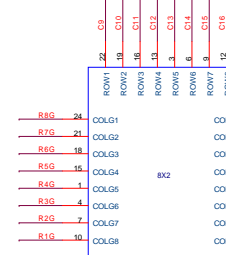
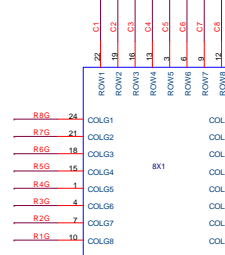
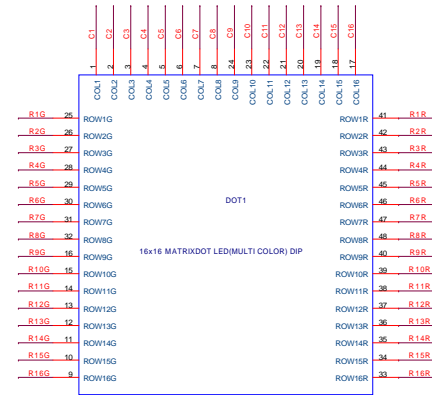
8X16



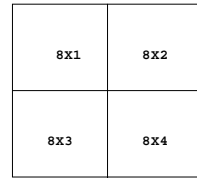
16X16



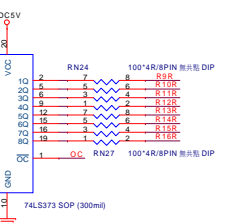
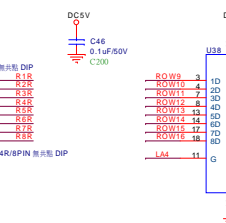
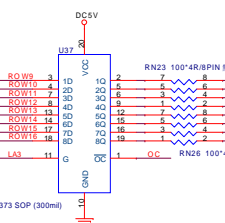
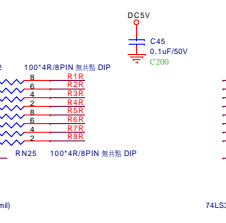
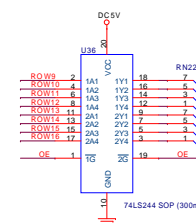
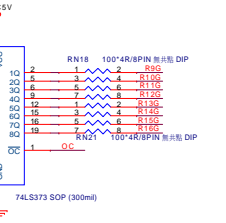
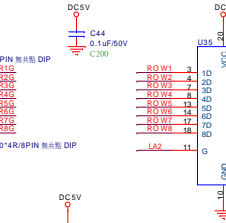
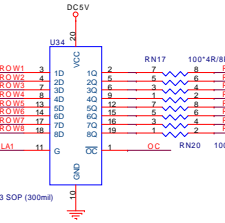
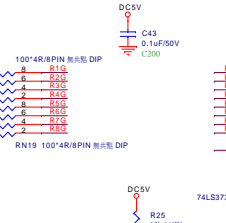
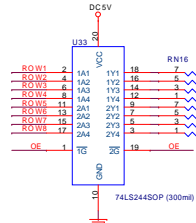
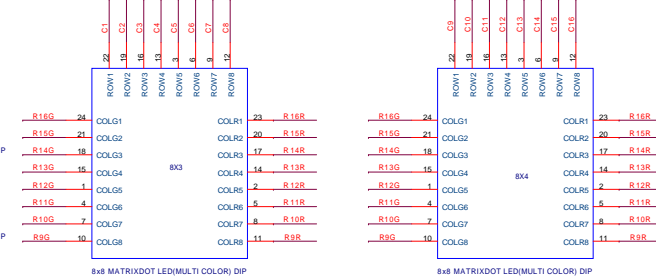
8X8



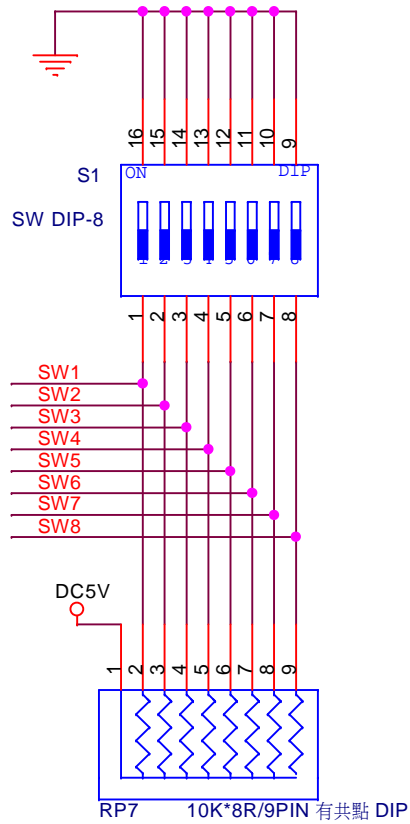
4個8X8要緊靠在一塊



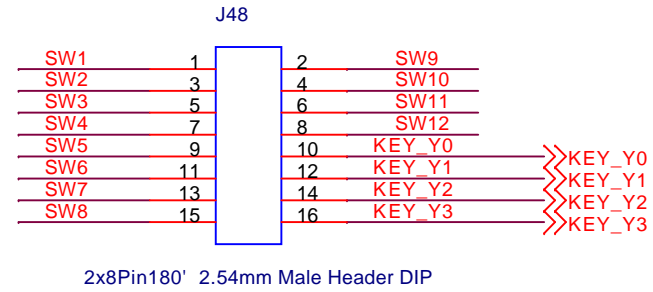
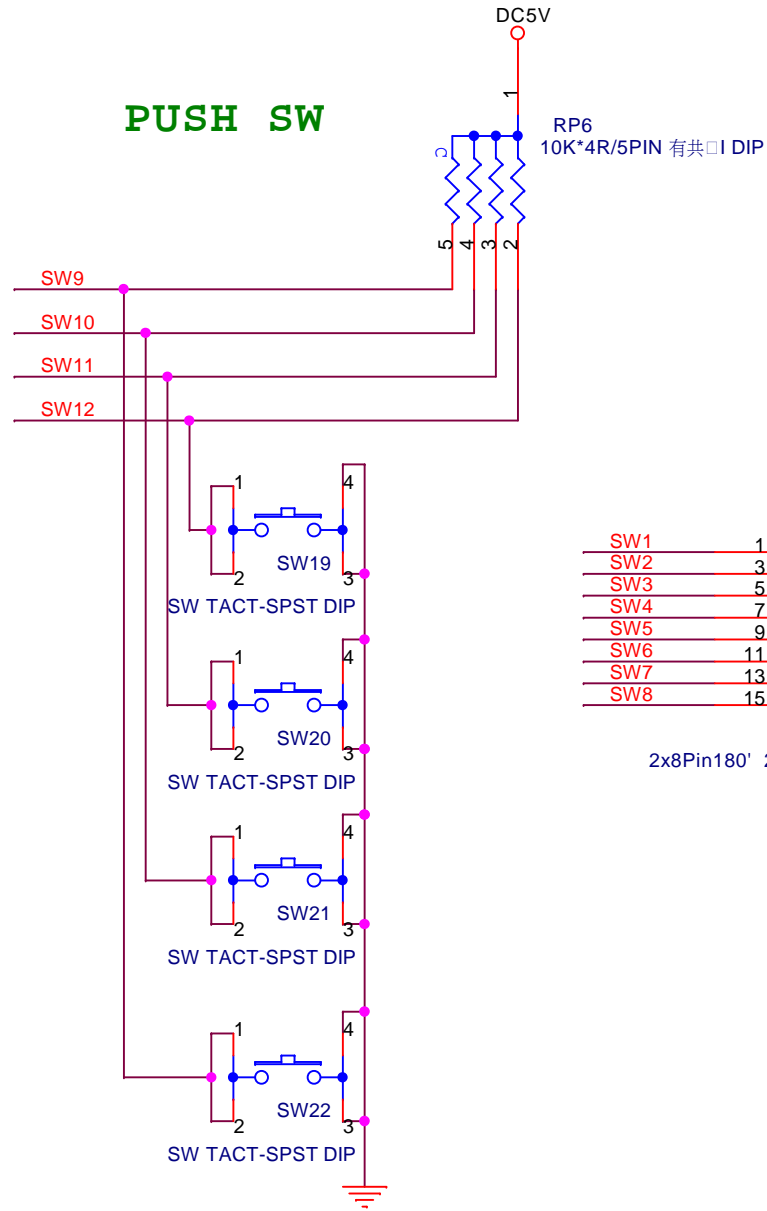
4個8X8要緊靠在一塊



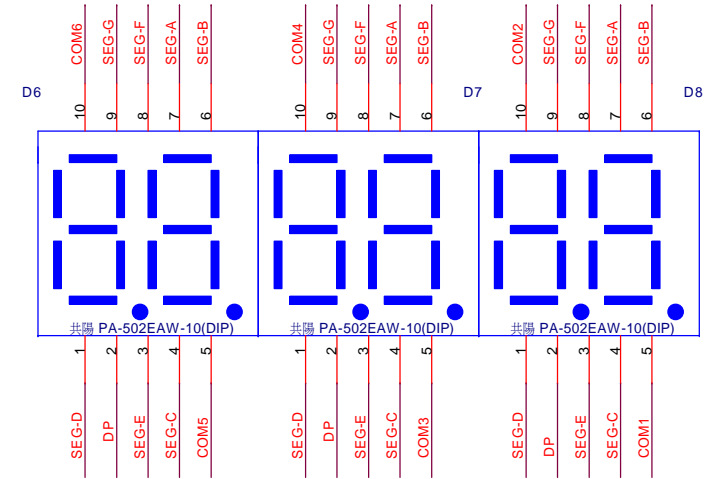
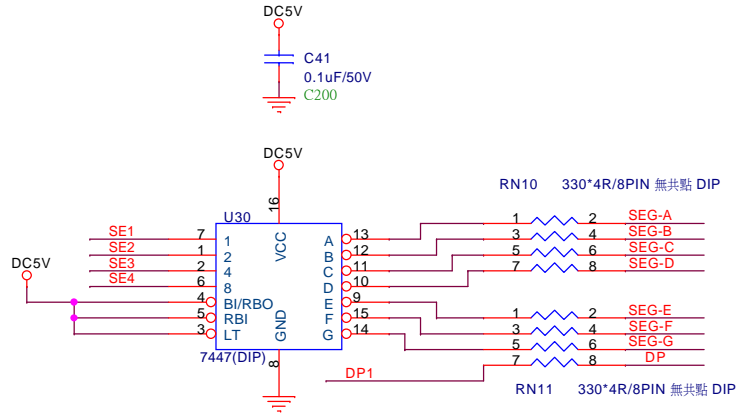
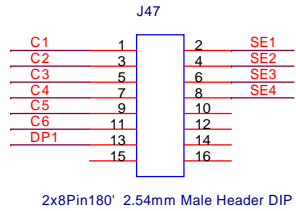
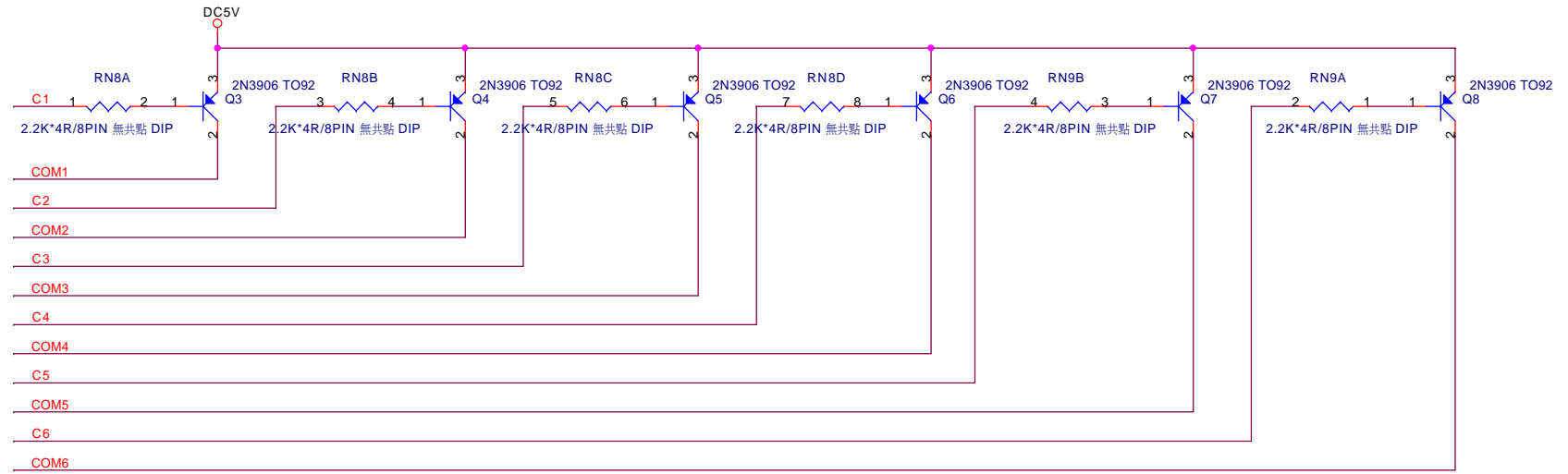
DIP SW



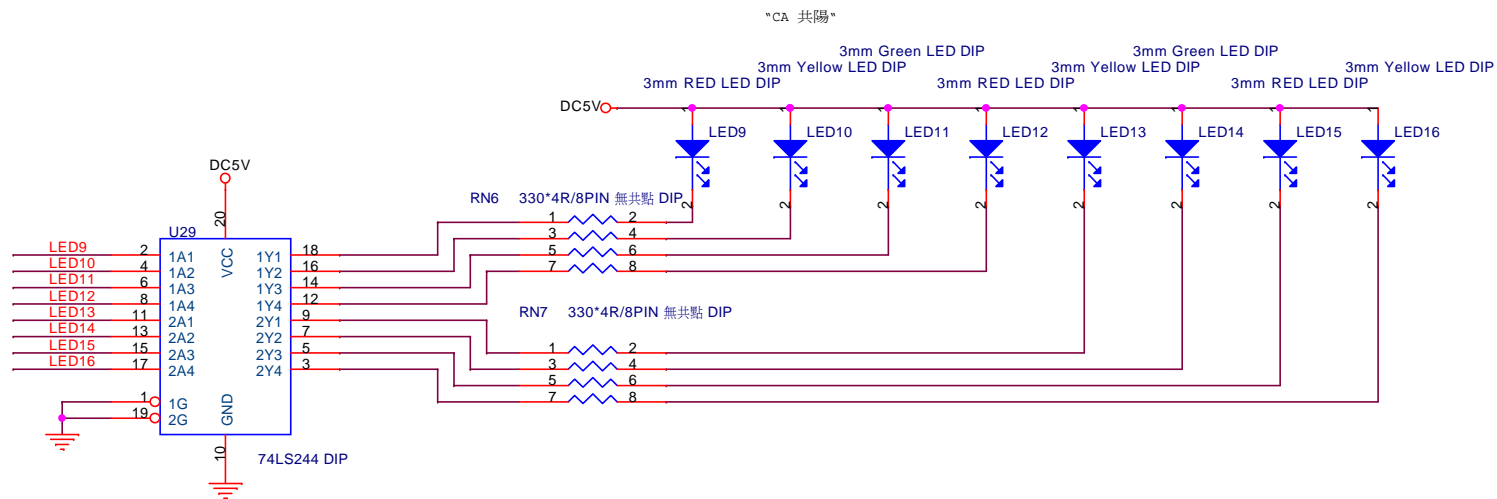
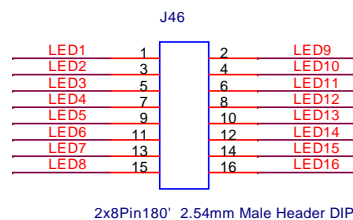
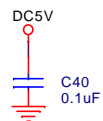
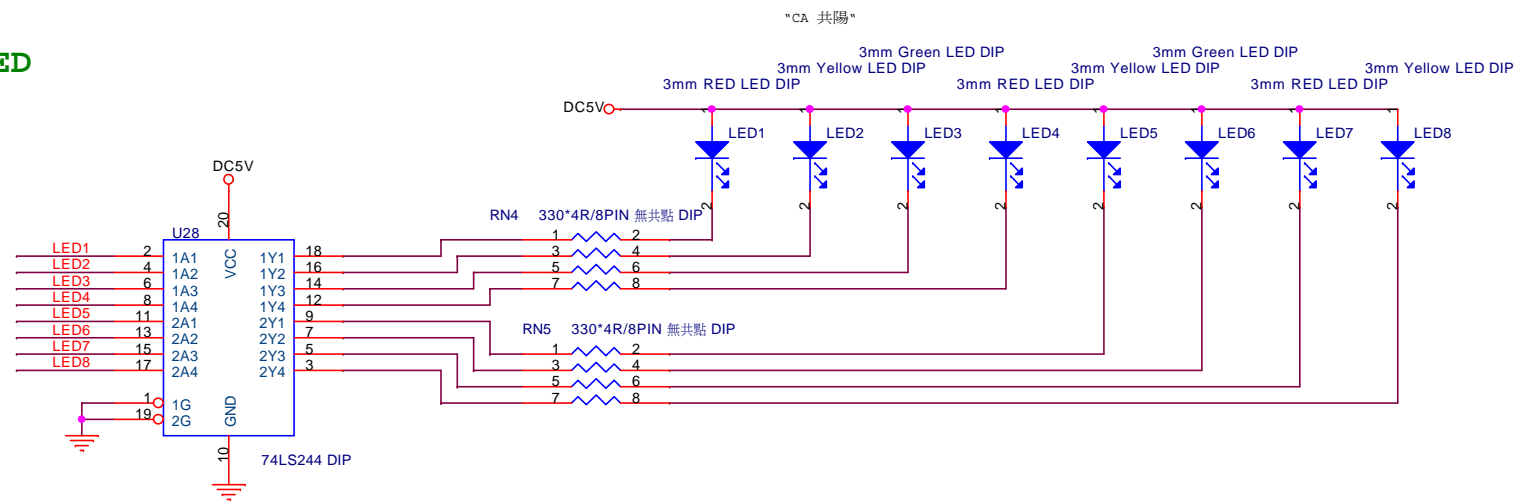
PUSH SW



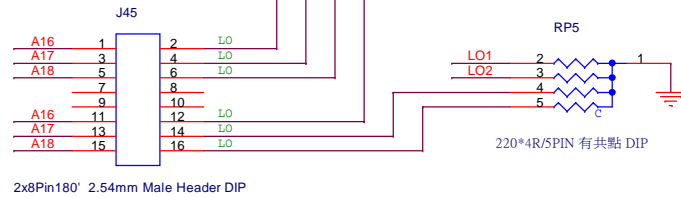
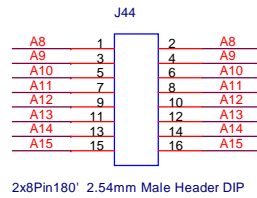
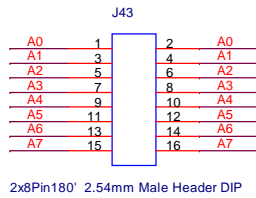
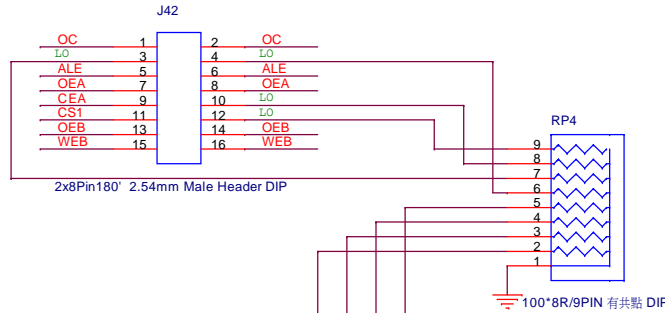
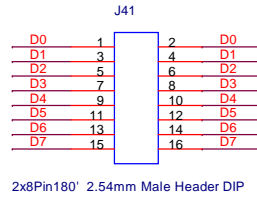
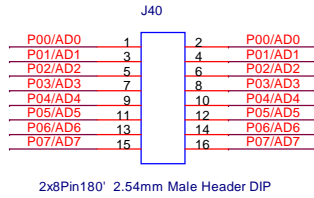
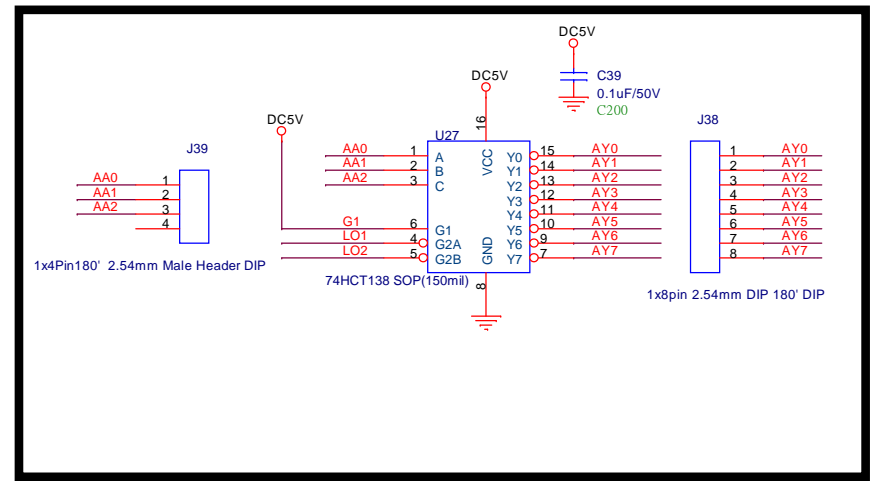
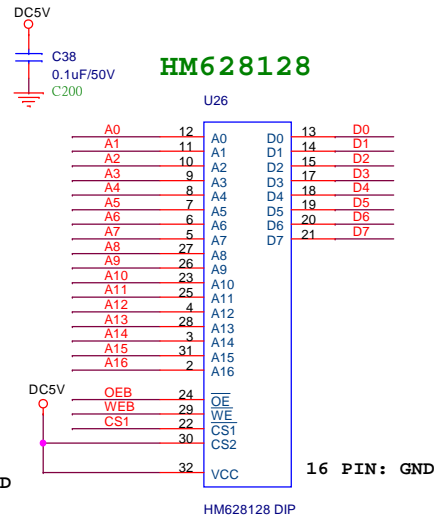
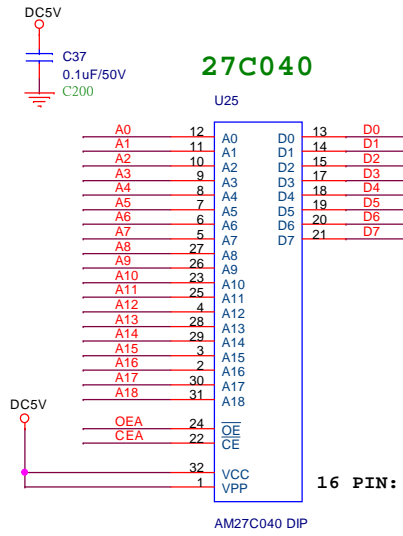
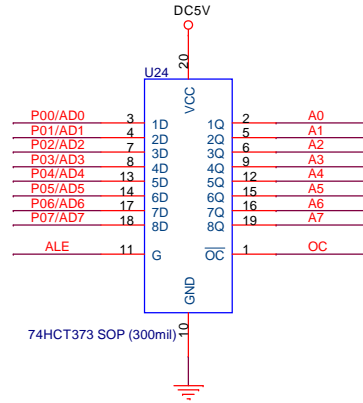
SEVEN SEGMENT



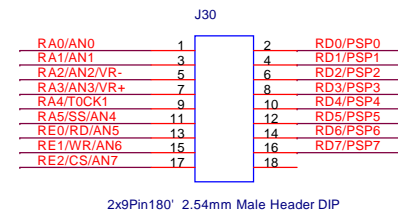
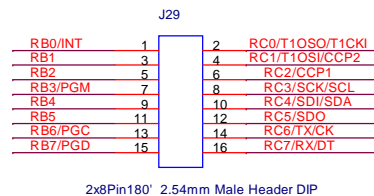
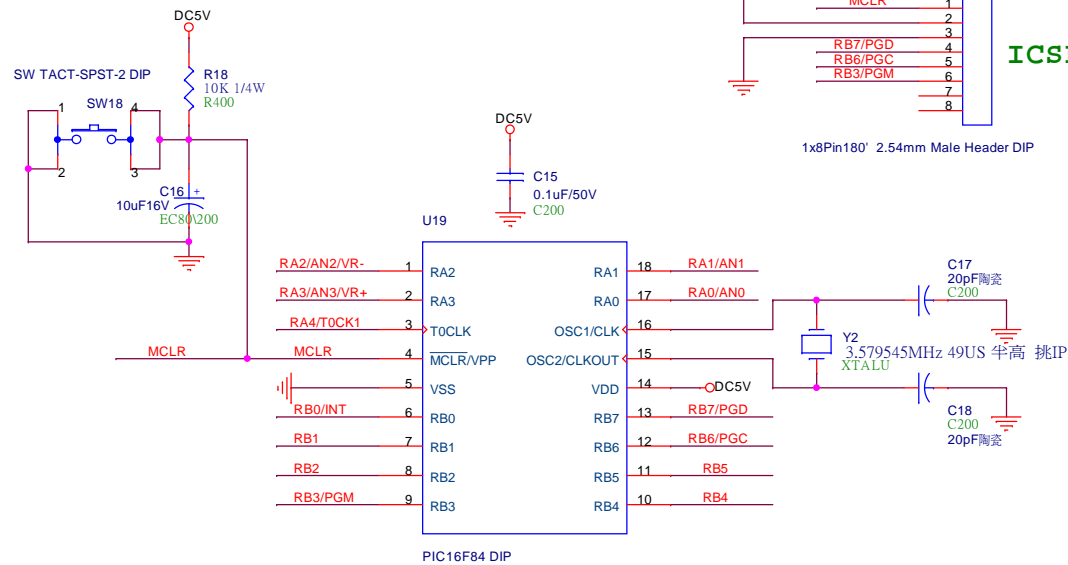
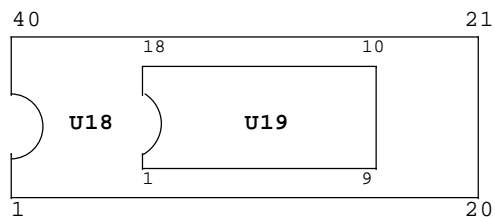
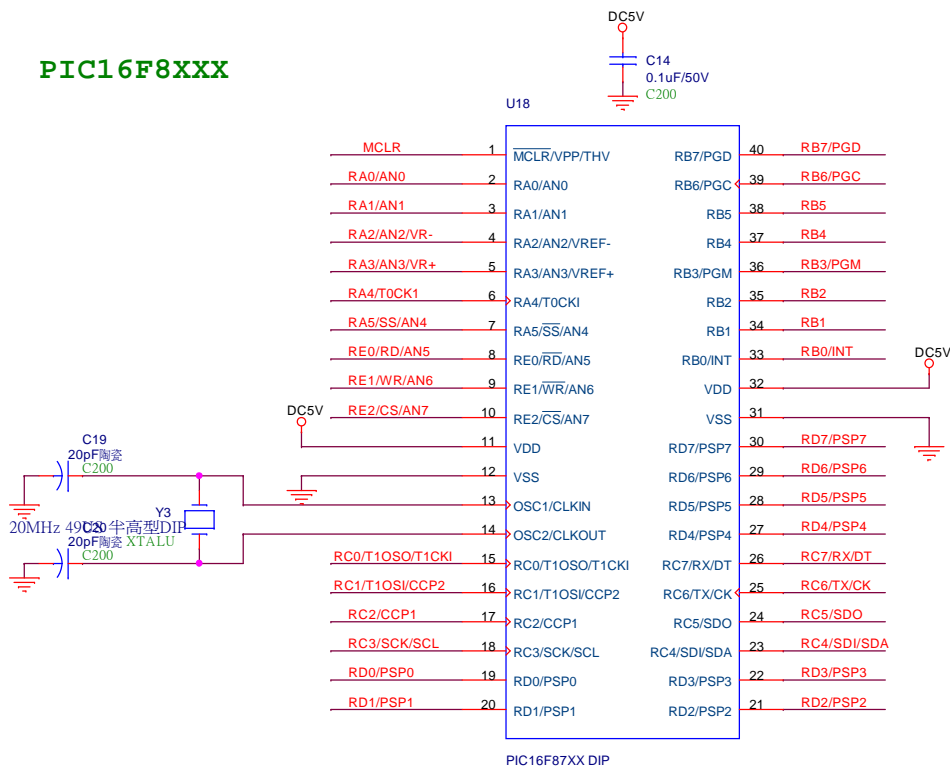
LED



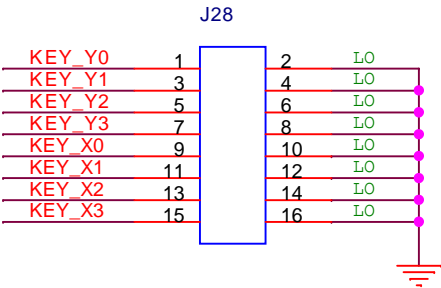
MEMORY



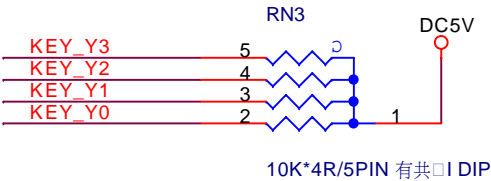
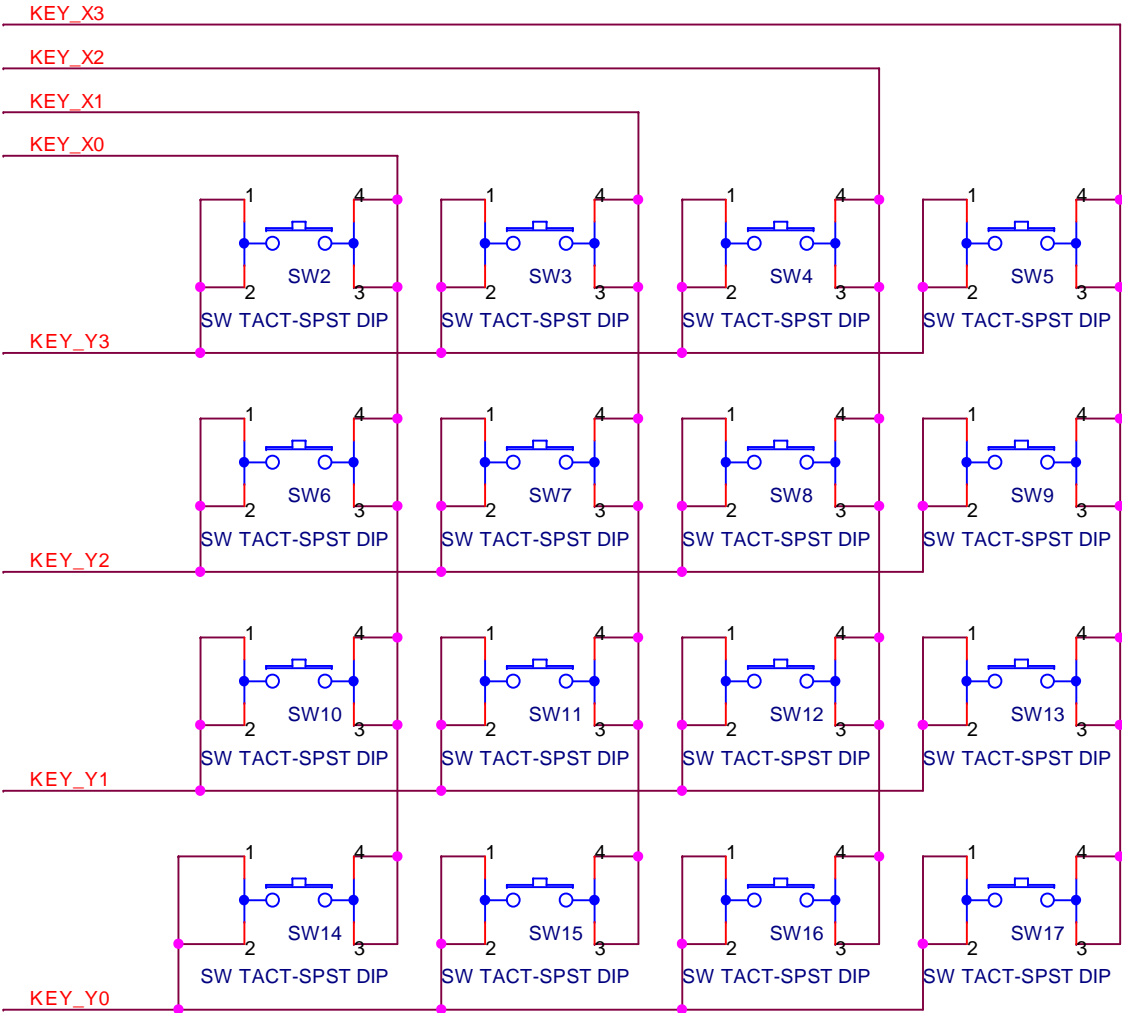
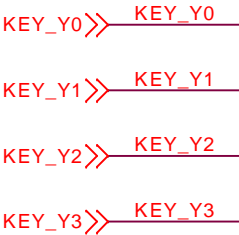
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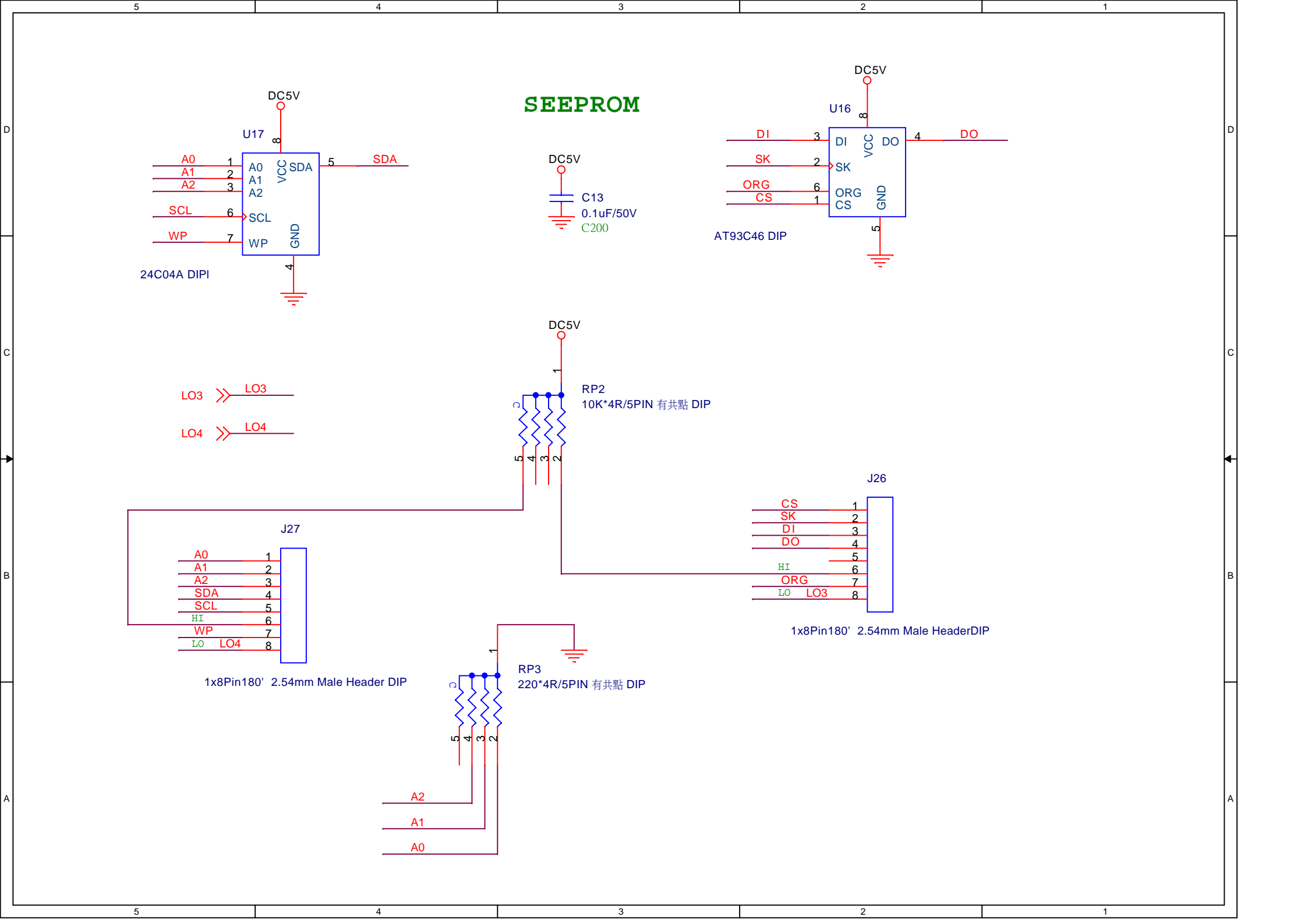


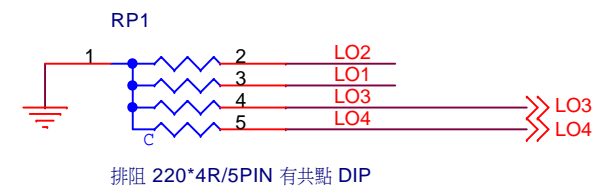
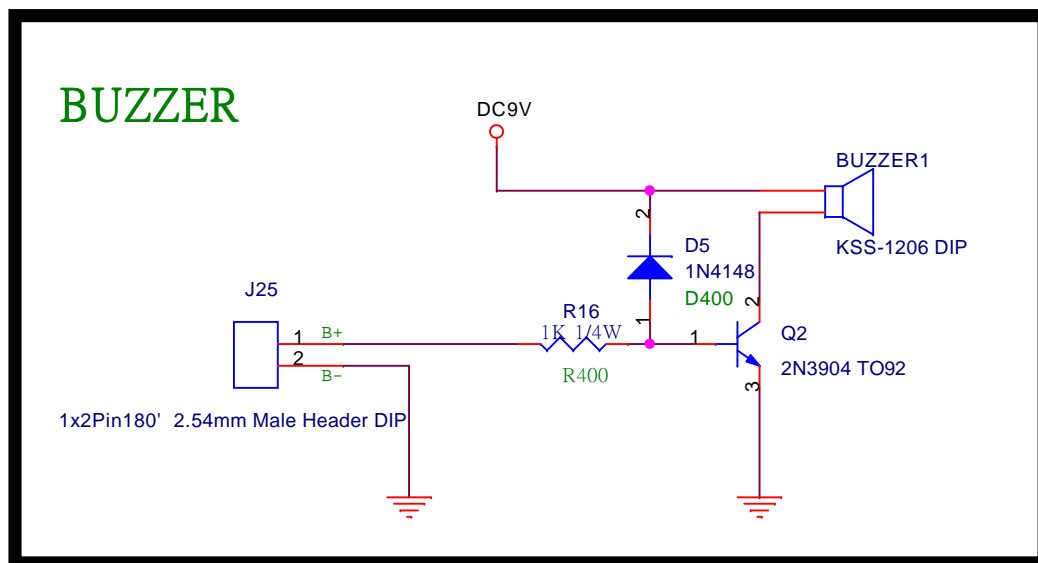
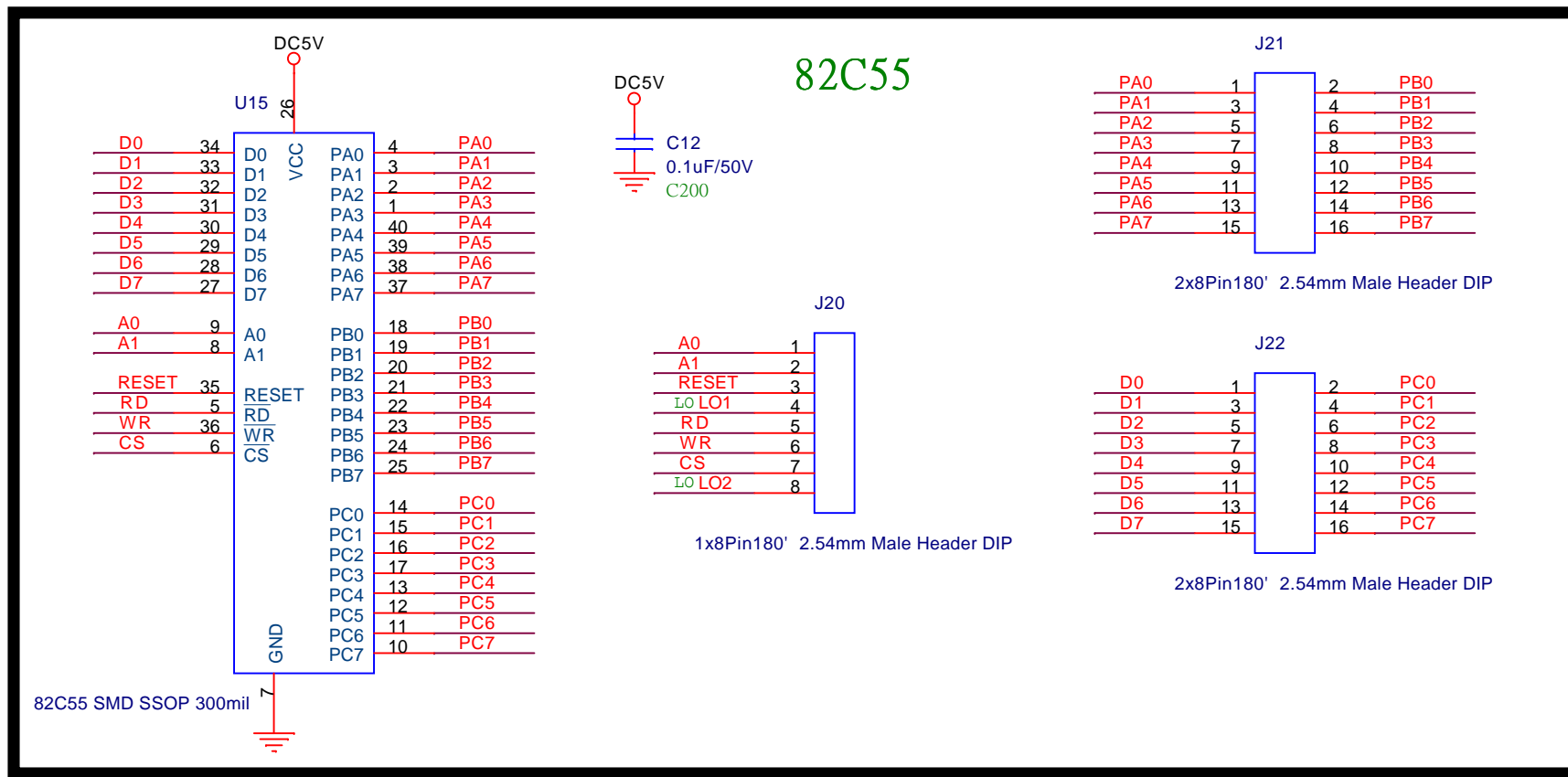
KEYBOARD



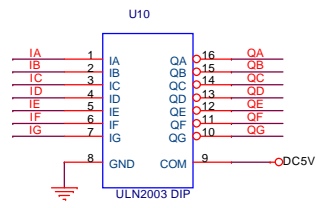
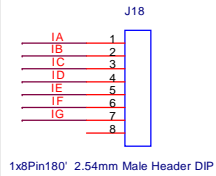
2x8Pin180° 2.54mm Male Header DIP



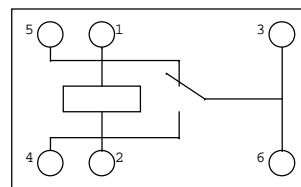
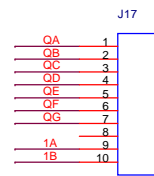




STEP MOTOR

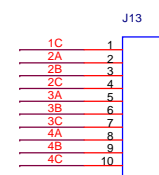
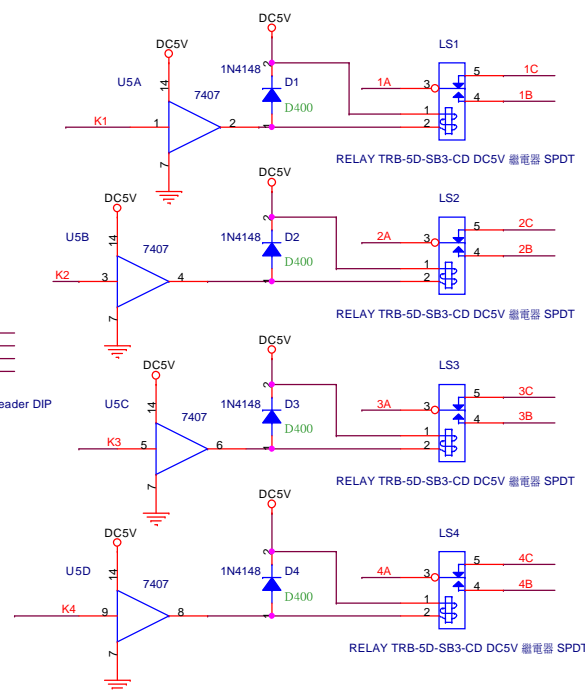
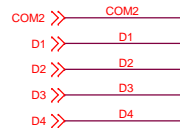
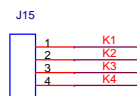


10 PIN(BT01-05P) 端子台 5mm Male Header DIP



RELAY TRB-5D-SB3-CD DC5V 繼電器 SPDT

coil



RELAY

10 PIN(BT01-05P) 端子台 5mm Male Header DIP

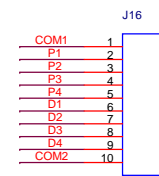
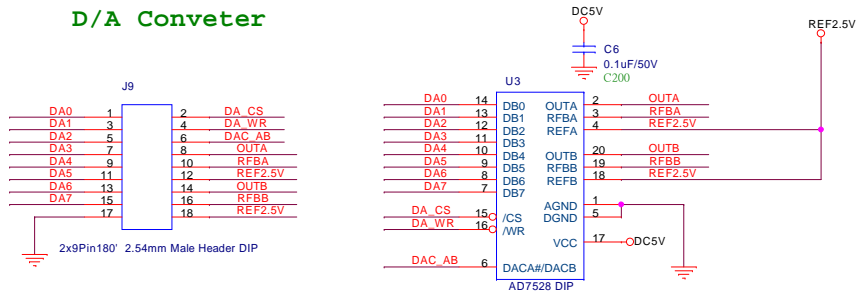


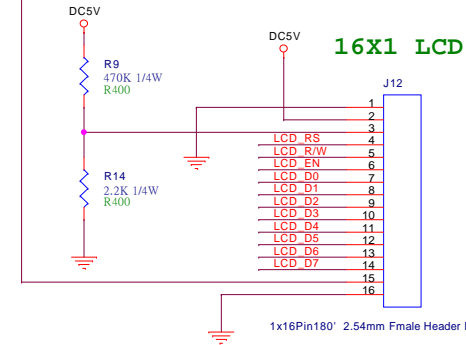
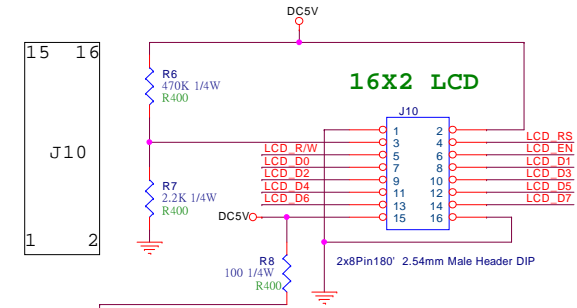
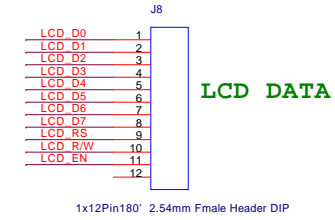
PHOTO IN / OUT

P1~P2,D1~D4,COM1,COM2信號請走1安培粗線

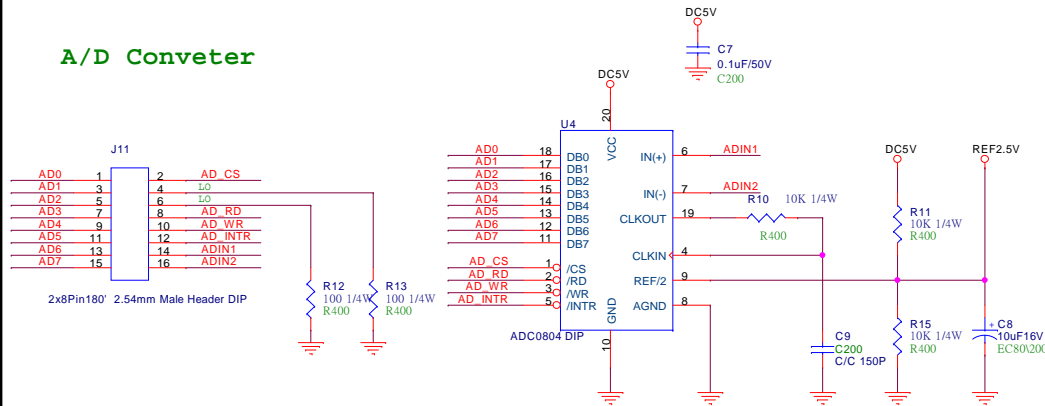
D/A Converter



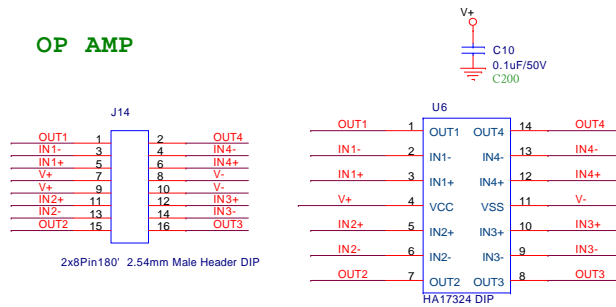
LCD



A/D Converter



OP AMP



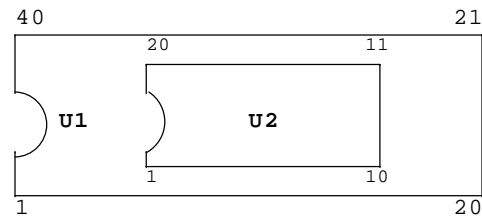


Diagram illustrating the pin connections for the AT90S1200 DIP microcontroller. The chip is labeled U2.

Pin Connections:

- Pin 1: RESET (connected to a red line)
- Pin 20: VCC (connected to DC5V)
- Pin 21: GND
- Pin 22: GND
- Pin 23: XTAL1 (connected to a red line labeled X1)
- Pin 24: XTAL2 (connected to a red line labeled X2)
- Pin 25: P3.0/RXD
- Pin 26: P3.1/TXD
- Pin 27: P3.2/INT0
- Pin 28: P3.3/INT1
- Pin 29: P3.4/T0
- Pin 30: P3.5/T1
- Pin 31: P3.6
- Pin 32: P1.0/AIN0
- Pin 33: P1.1/AIN1
- Pin 34: P1.2
- Pin 35: P1.3
- Pin 36: P1.4
- Pin 37: P1.5
- Pin 38: P1.6
- Pin 39: P1.7
- Pin 40: P10/T2/T0
- Pin 41: P11/T2EX/T1
- Pin 42: P12/AIN0
- Pin 43: P13/AIN1
- Pin 44: P14/SS
- Pin 45: P15/MOS
- Pin 46: P16/MISC
- Pin 47: P17/ISCK
- Pin 48: P30/RXD
- Pin 49: P31/TXD
- Pin 50: P32/INT0
- Pin 51: P33/INT1
- Pin 52: P34/T0
- Pin 53: P35/T1
- Pin 54: P36/WR

Additional components and labels:

- DC5V: Power supply voltage.
- C2: 0.1uF/50V capacitor.
- C200: 200pF capacitor.
- AT90S1200 DIP: Microcontroller model and package type.



125	376	126	377	127	378	128	379	129	380	130	381	131	382	132	383	133	384	134	385	135	386	136	387	137	388	138	389	139	390	140	391	141	392	142	393	143	394	144	395	145	396	146	397	147	398	148	399	149	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500
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