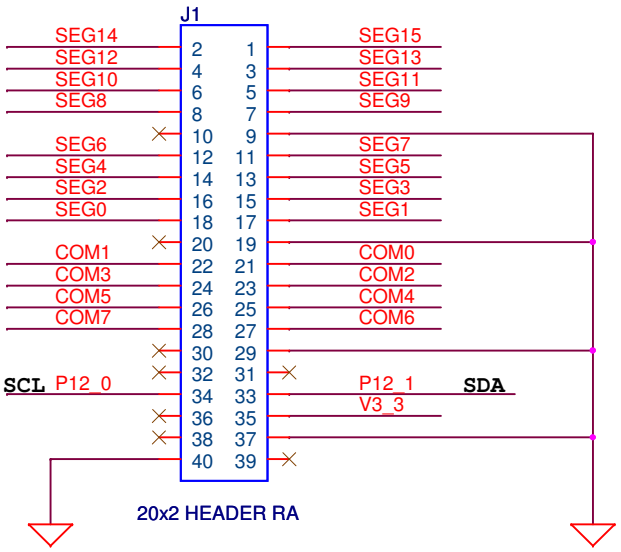
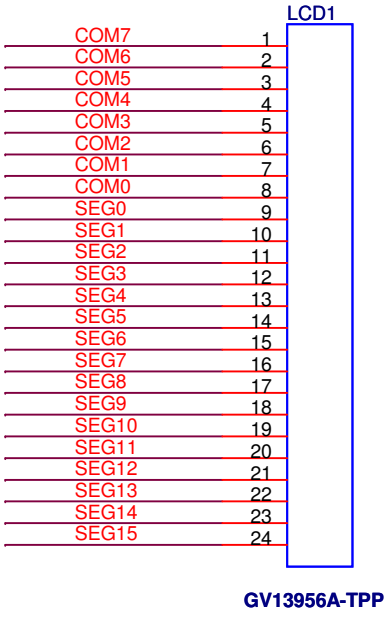
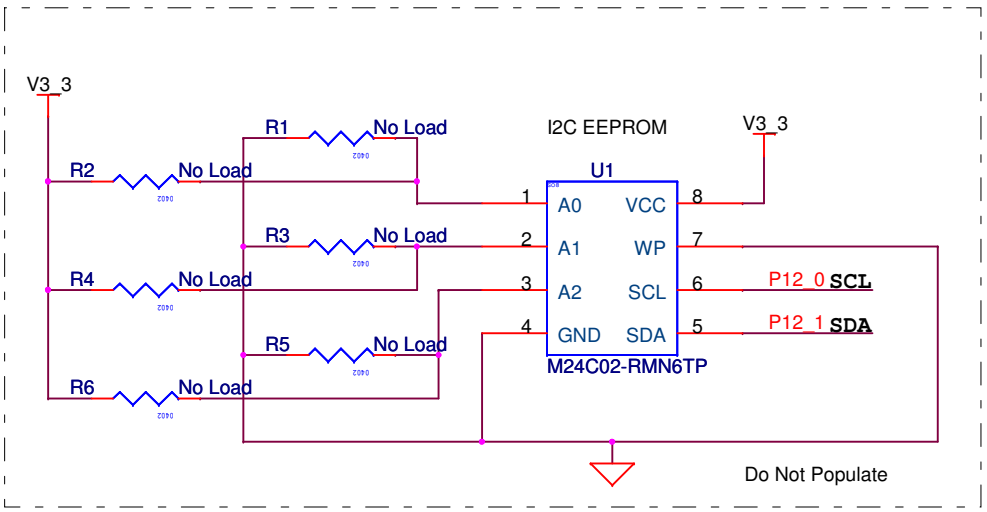



| | CY8CKIT-001 | | | |
|---|---|---|---|---|
| PIN | Port A | Port A' | Port B | PSoC EBK |
| 1 | P3_7 | P6_7 | P1_7 | SEG15 |
| 2 | P3_6 | P6_6 | P1_6 | SEG14 |
| 3 | P3_5 | P6_5 | P1_5 | SEG13 |
| 4 | P3_4 | P6_4 | P1_4 | SEG12 |
| 5 | P3_3 | P6_3 | P1_3 | SEG11 |
| 6 | P3_2 | P6_2 | P1_2 | SEG10 |
| 7 | P3_1 | P6_1 | P1_1 | SEG9 |
| 8 | P3_0 | P6_0 | P1_0 | SEG8 |
| 9 | GND | GND | GND | GND |
| 10 | RESRV11 | RESRV8 | RESRV3 | NC |
| 11 | P5_7 | P2_7 | P2_7 | SEG7 |
| 12 | P5_6 | P2_6 | P2_6 | SEG6 |
| 13 | P5_5 | P2_5 | P2_5 | SEG5 |
| 14 | P5_4 | P2_4 | P2_4 | SEG4 |
| 15 | P5_3 | P2_3 | P2_3 | SEG3 |
| 16 | P5_2 | P2_2 | P2_2 | SEG2 |
| 17 | P5_1 | P2_1 | P2_1 | SEG1 |
| 18 | P5_0 | P2_0 | P2_0 | SEG0 |
| 19 | GND | GND | GND | GND |
| 20 | RESRV10 | RESRV7 | RESRV2 | NC |
| 21 | P4_7 | P0_7 | P4_7 | COM0 |
| 22 | P4_6 | P0_6 | P4_6 | COM1 |
| 23 | P4_5 | P0_5 | P4_5 | COM2 |
| 24 | P4_4 | P0_4 | P4_4 | COM3 |
| 25 | P4_3 | P0_3 | P4_3 | COM4 |
| 26 | P4_2 | P0_2 | P4_2 | COM5 |
| 27 | P4_1 | P0_1 | P4_1 | COM6 |
| 28 | P4_0 | P0_0 | P4_0 | COM7 |
| 29 | GND | GND | GND | GND |
| 30 | RESRV9 | RESRV6 | RESRV1 | NC |
| 31 | P12_3 | P7_7 | P12_3 | NC |
| 32 | P12_2 | P7_6 | P12_2 | NC |
| 33 | P12_1 | P7_5 | P12_1 | SDA |
| 34 | P12_0 | P7_4 | P12_0 | SCL |
| 35 | V3_3 | P7_3 | V3_3 | V3_3 |
| 36 | VADJ | P7_2 | VADJ | NC |
| 37 | GND | P7_1 | GND | GND |
| 38 | V5_0 | P7_0 | V5_0 | NC |
| 39 | VIN | GND | VIN | NC |
| 40 | GND | RESRV5 | GND | GND |

PCA: 120-09571-0
PCB: PDCR-09571

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| | | |
|---|---|---|
| Title | CY8CKIT-029 - PSoC LCD Segment Drive Expansion Board Kit (EBK) | |
| Size A | Document Number REF-15077 | Rev ** |
| Date: Thursday, October 01, 2009 | Sheet 1 of 1 | |