

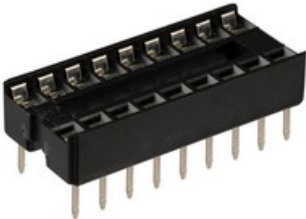
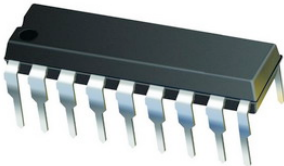

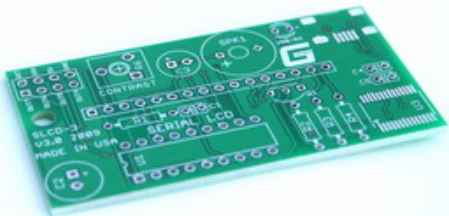

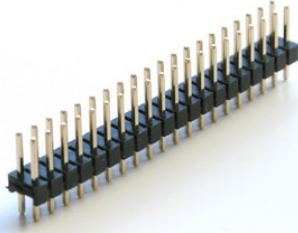

Serial LCD 3 Supply Parts List

V1.0

Please verify that all parts listed are present. If any parts are missing, contact Gravitech Customer Service at support@gravitech.us

| Picture | Ref. Des. | Qty | Description | P/N & Datasheet | Distributor |
|---|-----------|-----|---|---|---|
|  | R1 | 1 | Resistor 4.7 KOhm 1/4W 5% Yellow Violet Red Gold | CFR-25JB-4K7 or 291-4.7K-RC | Digikey Mouser |
|  | R2 | 1 | Resistor 10 KOhm 1/4W 5% Brown Black Orange Gold | CFR-25JB-10K or 291-10K-RC | Digikey Mouser |
|  | R3 | 1 | Resistor 4.7 Ohm 1W 5% Yellow (more like white) Violet Gold Gold | PR01000104708J R500 | Digikey Mouser |
|  | R4 | 1 | Resistor 330 Ohm 1/4W 5% Orange Orange Brown Gold (USB version only) | CFR-25JB-330R or 291-330-RC | Digikey Mouser |
|  | R6 | 1 | Potentiometer 10 KOhm | N6-L50T0C-103 | Mouser |

| | | | | | |
|--|------------|---|--|--|---|
|  | C2 | 1 | Capacitor electrolytic 100uF 25V 20% (8x5x5mm) | 140-L25V100-RC | Mouser |
|  | C3 | 1 | Capacitor electrolytic 47uF 25V 20% (6.3x5x5mm) | 140-L25V100-RC | Mouser |
|  | C1, C4, C5 | 1 | Capacitor ceramic 0.1uF 50V 20% (C4 and C5 are for USB version) | C320C104K5R5T Δ or C320C104M5R5T Δ | Digikey Mouser |
|  | LED1 | 1 | LED red 3mm (USB version only) | LED-RED-3MM | Gravitech |
|  | SPK1 | 1 | AC Buzzer | RDI-DTM-1206 | Gravitech |
|  | Q1 | 1 | MOSFET N-CH 60V 0.5A TO-92 | BS170 | Digikey Mouser |
|  | J1 | 1 | Connector header female 16POS | PPPC161LEBN-RC | Digikey |
|  | J2 | 1 | Connector USB miniB 5POS SMD (USB version only, PRE-SOLDERED) | 67503-1020 | Digikey Mouser |

| | | | | | |
|---|----|---|--|-------------------------------|---|
|  | U1 | 1 | Socket 18-DIP (for U1) | A18-LC-TT-R | Digikey |
|  | U1 | 1 | IC SLCD-3 | | Gravitech |
|  | U3 | 1 | IC USB to Serial UART 28-SSOP (USB version only, PRE-SOLDERED) | FT232RL | Digikey Mouser |
|  | | 1 | Serial LCD PCB | | Gravitech |
|  | J3 | 1 | Connector terminal block 5.08mm 2POS (Optional part, doesn't come with the kit) | 4Fx2-254mm | Gravitech |
|  | J3 | 1 | Connector header male dual row 2x20POS SNAPPABLE (Optional part, doesn't come with the kit) | 20Mx2-254mm | Gravitech |
|  | J3 | 1 | Connector header male right angle 20POS SNAPPABLE (Optional part, doesn't come with the kit) | 20Mx1RA-254mm | Gravitech |