

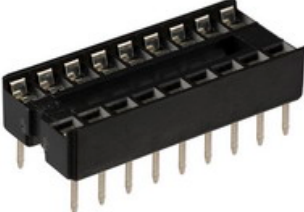
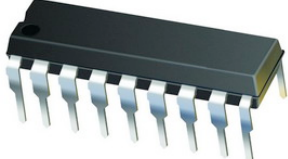
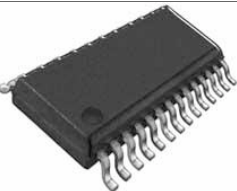


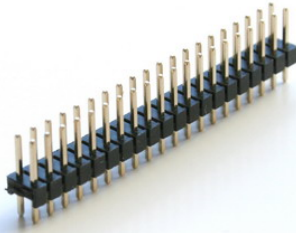

# Serial LCD 3 Supply Parts List

V1.0

Please verify that all parts listed are present. If any parts are missing, contact Gravitech Customer Service at [support@gravitech.us](mailto: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	<a href="#">CFR-25JB-4K7</a> or <a href="#">291-4.7K-RC</a>	<a href="#">Digikey</a> <a href="#">Mouser</a>
	R2	1	Resistor 10 KOhm 1/4W 5% Brown Black Orange Gold	<a href="#">CFR-25JB-10K</a> or <a href="#">291-10K-RC</a>	<a href="#">Digikey</a> <a href="#">Mouser</a>
	R3	1	Resistor 4.7 Ohm 1W 5% Yellow (more like white) Violet Gold Gold	<a href="#">PR01000104708J</a> <a href="#">R500</a>	<a href="#">Digikey</a> <a href="#">Mouser</a>
	R4	1	Resistor 330 Ohm 1/4W 5% Orange Orange Brown Gold <b>(USB version only)</b>	<a href="#">CFR-25JB-330R</a> or <a href="#">291-330-RC</a>	<a href="#">Digikey</a> <a href="#">Mouser</a>
	R6	1	Potentiometer 10 KOhm	<a href="#">N6-L50T0C-103</a>	<a href="#">Mouser</a>

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

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