GM5x5x5 Parts List for Allied Electronics

This is a price list to be used with Allied Electronics for the gm5x5x5 module, version 1.1 (Red PCB). One of the reason I prefer Allied over, say, Mouser is faster shipping to my house (turn around time is 1 day at the cheapest shipping most of the time). Mouser has a larger selection, however, though Allied does offer some items cheaper and their customer service has always been extremely nice and helpful.

The list below is what I used to build my own gm5x5x5, though one substitution I would make is using DIL headers for the jumpers S1-S3 and J8 jumpers.

Sorry there is not a nice link to a pre-populated cart. I saved my own cart but there appears to be no way to offer it publicly. :(

Item	Allied Stock #	Qty	Notes
Crystal (16Mhz)	895-0691	1	
LED 3mm (Red)	670-1058	11	They are expensive and I don't know what resistor value you might need. By these from SmashTV instead)
Diode	935-0242	5	
Optocoupler	787-0137	5	
Hex Inverter	236-1747	5	
USB Type B Socket	374-0052	1	
MIDI Socket	932-0200	10	
40-pin breakaway headers	374-1768	1	Also may want to buy from SmashTV
DIP Socket (8 position)	374-5534	6	
DIP Socket (14 position)	374-5532	5	
EEPROM	N/A	0	I didn't use one and I also coudln't find a 24C04 specifically in a DIP package
Resistor - 220 Ohm	296-4751	15	
Resistor - 1K Ohm	296-4741	18	
Resistor - 27 Ohm	296-4759	1	
Resistor - 4.7k Ohm	296-4769	1	
Capacitor - 100nF	507-0211	6	
Capacitor - 10uF	613-0124	1	
Capacitor - 22pF	507-0201	2	
Capacitor - 1uF	507-0606	1	
Jumper	863-0403	5	
Total	$39.17		

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