Memory Moog Aux Display Parts List   R Grieb 9/02/2021

			Digikey Part#
1	U5	PIC18F2420	---
2	U1	74LS138 (DO NOT SUBSTITUTE)	296-1639-5
3	U2	74HCT273 (DO NOT SUBSTITUTE)	296-2110-5
4	U3	74HCT10 (DO NOT SUBSTITUTE)	296-2086-5
5	U4	74HCT74 (DO NOT SUBSTITUTE)	296-2132-5
6	R1	5.6K 1/4W 5% resistor	5.6KΩ
7	R2-5	0 ohm resistor or wire (only install two of these, or you will short 5 volts to ground! For LCD module below, install R2 and R5 only)	0.0Ω
8	R6	10K 1/4W 5% resistor	10KΩ
9	C1,C2	0.1 uF 50V ceramic	BC1148CT
10	H1,H2	16-pin dual row 0.1" male header	part of S2011E-36
11	H3	14-pin dual row 0.1" male header for LCD module connection	part of S2011E-36
12		14-pin dual row 0.1" male header mounted on display module	part of S2011E-36
13		2-row x 16 characters STN LCD module reflective (Doesn't need a backlight, which reduces power consumption. This is important as we don't want to affect synth operation at all) Lumex LCM-S01602DSR/C	67-1770
14		16-pin DIP header on 16-cond ribbon cable, for U20 connection (Shorten cable before installing IDC connector)	C2PXG-1606G
15		16-pin DIP header on 16-cond ribbon cable, for S46 connection (Shorten cable before installing IDC connector)	C4PXG-1606G
16		2 x 16-pin IDC crimp on female connectors to mate with H1,H212	ASC16H
17		14-pin ribbon cable, 28" long, for LCD module connection (A longer cable may work here, but has not been tested)	
18		2 x 14-pin IDC crimp-on female connectors for LCD ribbon cable	ASC14H

19   14, 16, 20, and 28-pin IC sockets

20   pc board   ---