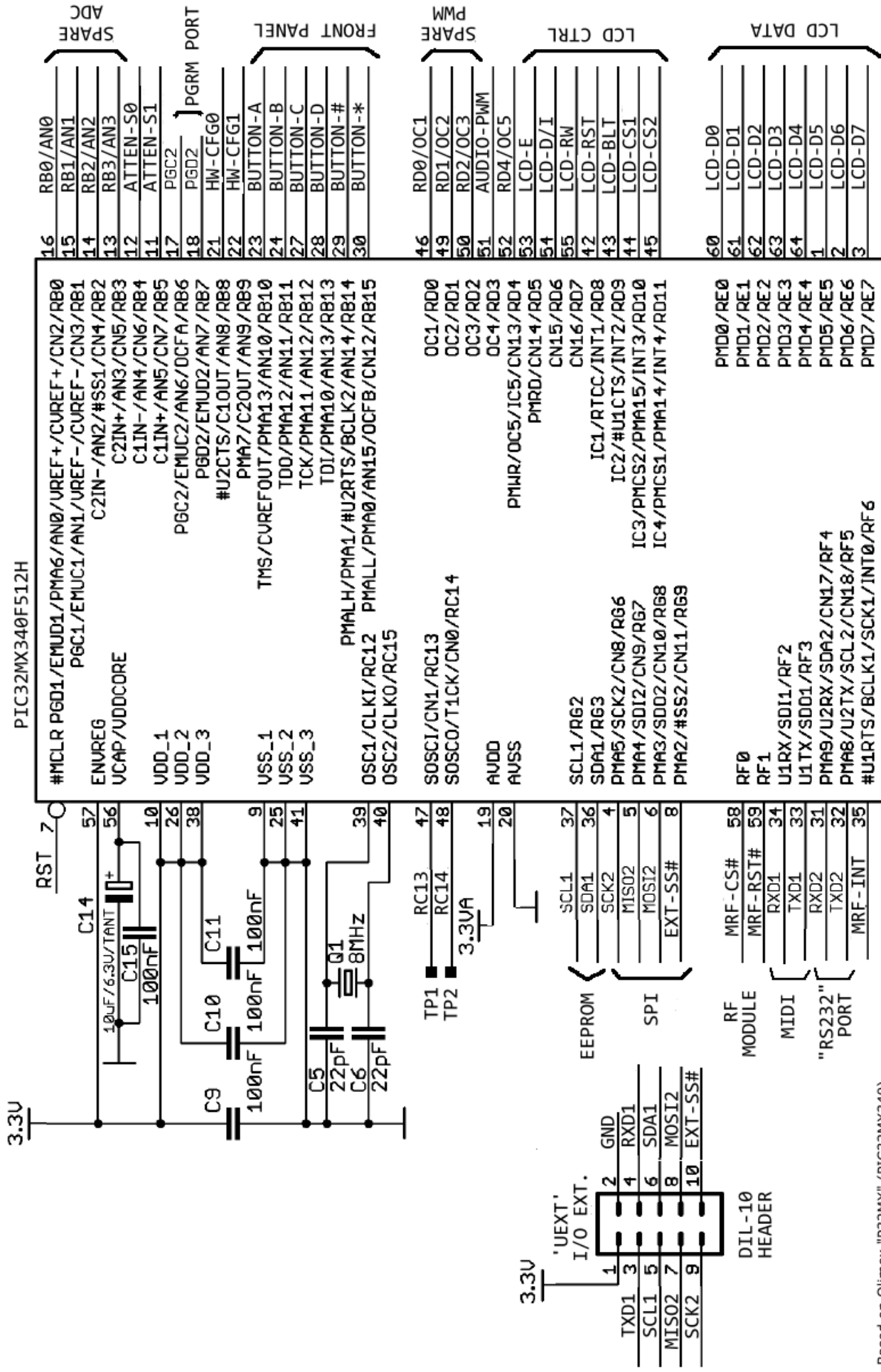


PIC32MX AUDIO SYNTH BOARD - MCU PIN ASSIGNMENTS



Pin	Function	Module
16	RB0/AN0	SPARE
15	RB1/AN1	SPARE
14	RB2/AN2	SPARE
13	RB3/AN3	SPARE
12	ATTEN-S0	SPARE
11	ATTEN-S1	SPARE
17	PGC2	PGRM PORT
18	PGD2	PGRM PORT
21	HW-CFG0	PGRM PORT
22	HW-CFG1	PGRM PORT
23	BUTTON-A	FRONT PANEL
24	BUTTON-B	FRONT PANEL
27	BUTTON-C	FRONT PANEL
28	BUTTON-D	FRONT PANEL
29	BUTTON-#	FRONT PANEL
30	BUTTON-*	FRONT PANEL
46	RD0/OC1	SPARE
49	RD1/OC2	SPARE
50	RD2/OC3	SPARE
51	AUDIO-PWM	SPARE
52	RD4/OC5	SPARE
53	LCD-E	LCD CTRL
54	LCD-D/I	LCD CTRL
55	LCD-RW	LCD CTRL
42	LCD-RST	LCD CTRL
43	LCD-BLT	LCD CTRL
44	LCD-CS1	LCD CTRL
45	LCD-CS2	LCD CTRL
60	LCD-D0	LCD DATA
61	LCD-D1	LCD DATA
62	LCD-D2	LCD DATA
63	LCD-D3	LCD DATA
64	LCD-D4	LCD DATA
1	LCD-D5	LCD DATA
2	LCD-D6	LCD DATA
3	LCD-D7	LCD DATA
1	C2IN+/AN3/CN5/RB3	
2	C2IN-/AN2/#SS1/CN4/RB2	
3	C1IN+/AN4/CN6/RB4	
4	C1IN-/AN5/CN7/RB5	
5	PGC2/EMUC2/AN6/DCFA/RB6	
6	PGD2/EMUD2/AN7/RB7	
7	#U2CTS/C1OUT/AN8/RB8	
8	PMA7/C2OUT/AN9/RB9	
9	TMS/CVREFOUT/PMA13/AN10/RB10	
10	TDO/PMA12/AN11/RB11	
11	TCK/PMA11/AN12/RB12	
12	TDI/PMA10/AN13/RB13	
13	PMALH/PMA1/#U2RTS/BCLK2/AN14/RB14	
14	PMALL/PMA0/AN15/OCFB/CN12/RB15	
15	OSC1/CLKI/RC12	
16	OSC2/CLKO/RC15	
17	SOSCI/CN1/RC13	
18	SOSCO/TICK/CN0/RC14	
19	AVDD	
20	AUSS	
21	SCL1/RG2	
22	SDA1/RG3	
23	PMA5/SCK2/CN8/RG6	
24	PMA4/SDI2/CN9/RG7	
25	PMA3/SDO2/CN10/RG8	
26	PMA2/#SS2/CN11/RG9	
27	RF0	
28	RF1	
29	U1RX/SDI1/RF2	
30	U1TX/SDO1/RF3	
31	PMA9/U2RX/SDA2/CN17/RF4	
32	PMA8/U2TX/SCL2/CN18/RF5	
33	#U1RTS/BCLK1/SCK1/INT0/RF6	
34	OC1/RD0	
35	OC2/RD1	
36	OC3/RD2	
37	OC4/RD3	
38	PMR0/OC5/IC5/CN13/RD4	
39	PMR0/CN14/RD5	
40	CN15/RD6	
41	CN16/RD7	
42	IC1/RTCC/INT1/RD8	
43	IC2/#U1CTS/INT2/RD9	
44	IC3/PMCS2/PMA15/INT3/RD10	
45	IC4/PMCS1/PMA14/INT4/RD11	
46	PMD0/RE0	
47	PMD1/RE1	
48	PMD2/RE2	
49	PMD3/RE3	
50	PMD4/RE4	
51	PMD5/RE5	
52	PMD6/RE6	
53	PMD7/RE7	