

**Audio Switch**

MSB								LSB	FUNCTION
0	1	0	G1	G0	S2	S1	S0	Audio Switch	
						0	0	Stereo 1	
						0	1	Stereo 2	
						1	0	Stereo 3	
						1	1	Stereo 4 (*)	
					0			LOUDNESS ON	
					1			LOUDNESS OFF	
			0	0				+11.25dB	
			0	1				+7.5dB	
			1	0				+3.75dB	
			1	1				0dB	

For example to select the stereo 2 input with a gain of +7.5dB LOUDNESS ON the 8bit string is:

0 1 0 0 1 0 0 1

(\*) Stereo 4 is connected internally, but not available on pins.

**Bass and Treble**

0	1	1	0	C3	C2	C1	C0	Bass
0	1	1	1	C3	C2	C1	C0	Treble
				0	0	0	0	-14
				0	0	0	1	-12
				0	0	1	0	-10
				0	0	1	1	-8
				0	1	0	0	-6
				0	1	0	1	-4
				0	1	1	0	-2
				0	1	1	1	0
				1	1	1	1	0
				1	1	1	0	2
				1	1	0	1	4
				1	1	0	0	6
				1	0	1	1	8
				1	0	1	0	10
				1	0	0	1	12
				1	0	0	0	14

C3 = Sign

For example Bass at -10dB is obtained by the following 8 bit string:

0 1 1 0 0 0 1 0

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