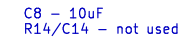


U101
MA156-12-2

Pin	Label	Connection
1	GND	
2	VCC	
3	PB0	X
4	PB1	X
5	PB2	X
6	PB3	X
7	PB4	X
8	PB5	X
9	PB6	X
10	PB7	X
11	GND	
12	GND	



Original schematic used a 3.12MHz parallel resonant crystal to control the pitch. It's theoretically possible to use a crystal oscillator AC-coupled to XTAL1 and XTAL2 grounded, but no 3.12MHz oscillators are available. Using a colorburst one will change the tone of the speech.

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