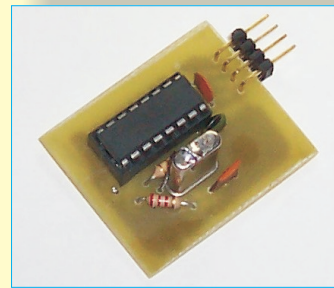
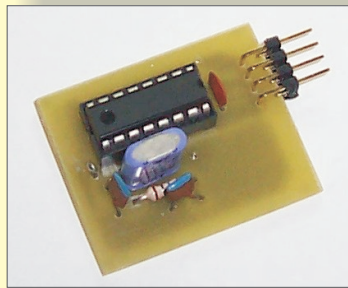
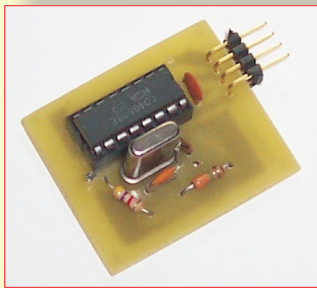


OSCILLATORS

using 4060



3.2768 MHz with CD4060BE (RCA)

7.68 MHz with M74HC4060B1 (ST)

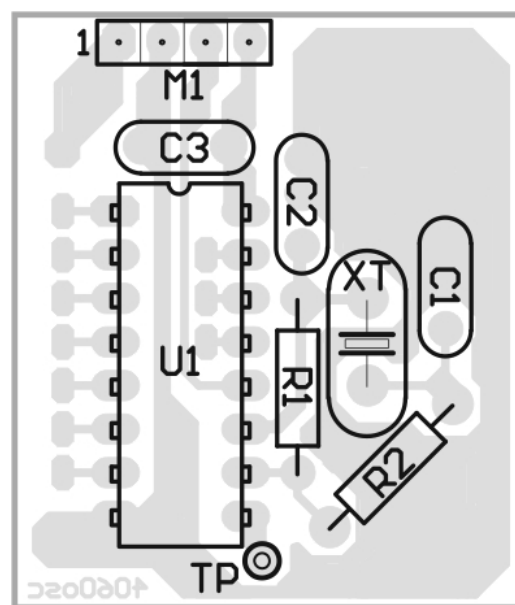
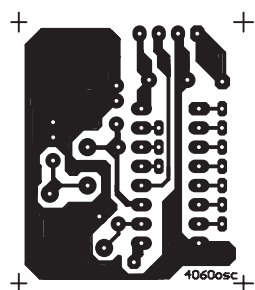
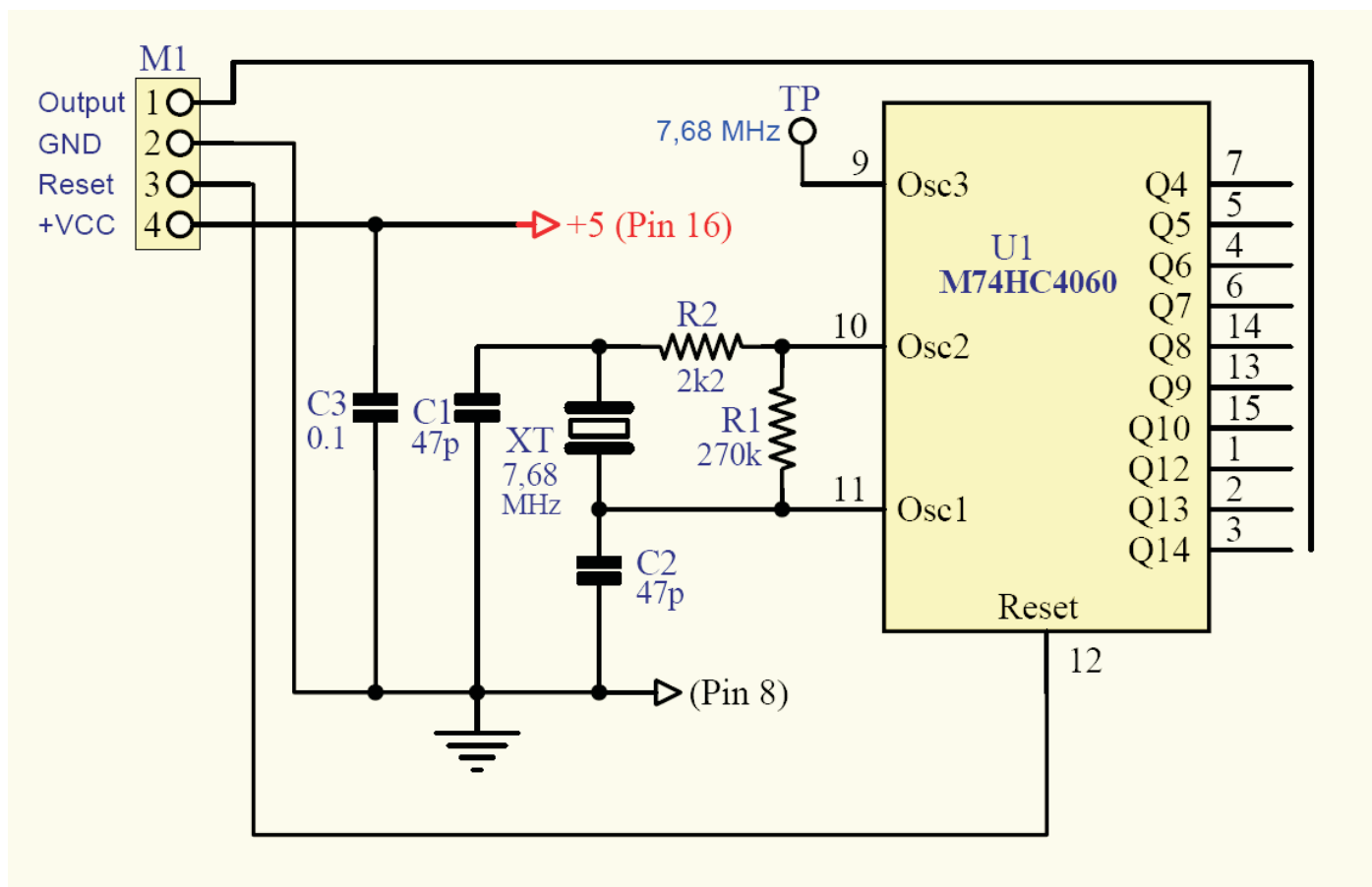
16 MHz with M74HC4060B1 (ST)

SERVICE MANUAL



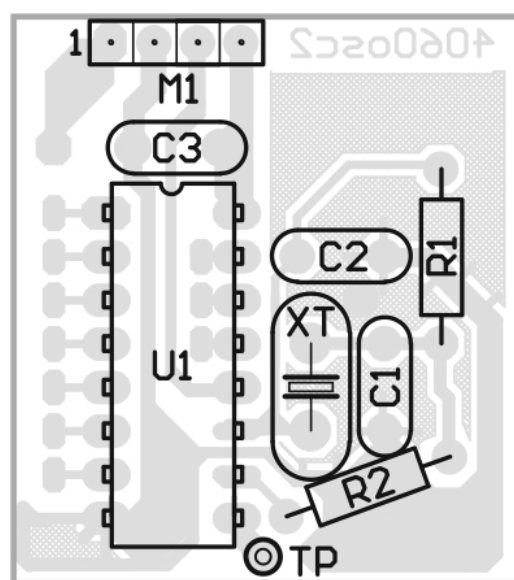
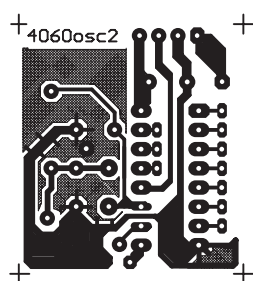
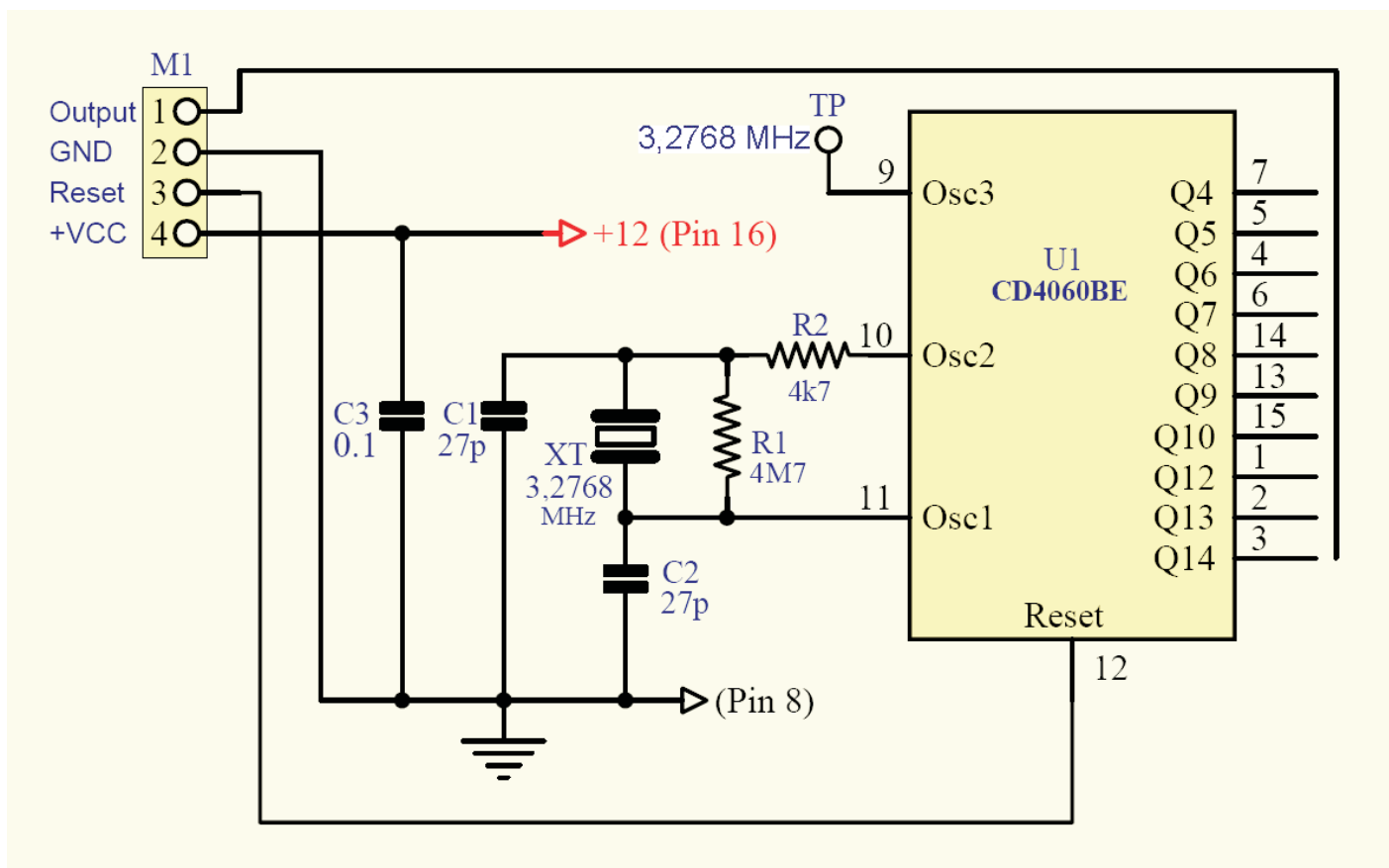
OSCILLATORE n. 1

7,68 MHz



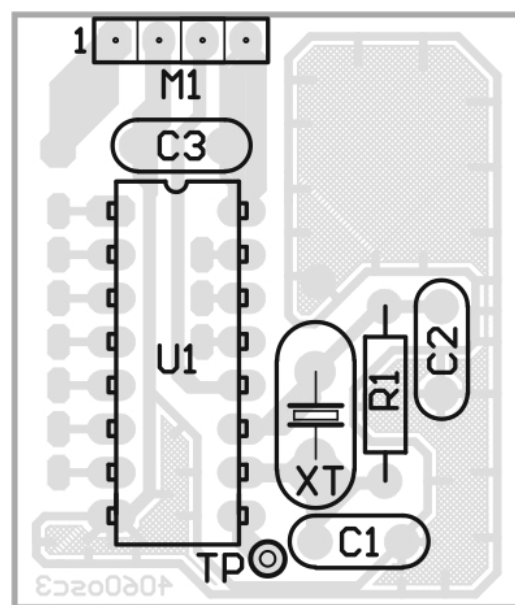
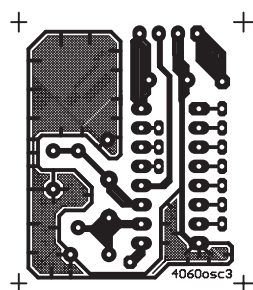
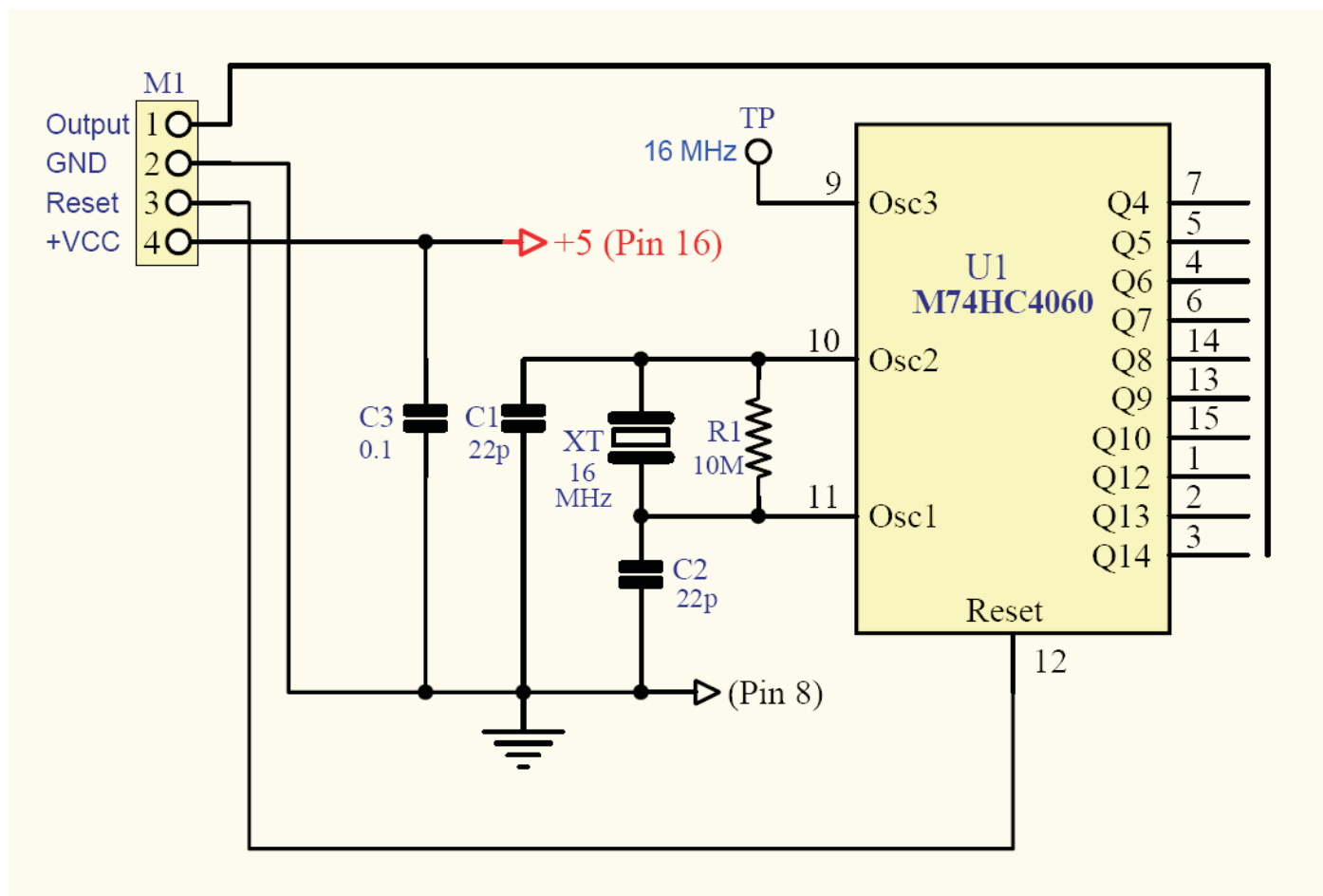
OSCILLATORE n. 2

3,2768 MHz



OSCILLATORE n. 3

16 MHz



FREQUENCY Table

				Frequency Outputs			
				XTAL →	3.2768 MHz	7.68 MHz	16 MHz
16 9 10 11 12 8 7 5 4 6 14 13 15 1 2 3	7	Q4	→ ÷ 16	204800 Hz	480 kHz	1000 kHz	
	5	Q5	→ ÷ 32	102400 Hz	240 kHz	500 kHz	
	4	Q6	→ ÷ 64	51200 Hz	120 kHz	250 kHz	
	6	Q7	→ ÷ 128	25600 Hz	60000 Hz	128 kHz	
	14	Q8	→ ÷ 256	12800 Hz	30000 Hz	62500 Hz	
	13	Q9	→ ÷ 512	6400 Hz	15000 Hz	31250 Hz	
	15	Q10	→ ÷ 1024	3200 Hz	7500 Hz	15625 Hz	
	1	Q12	→ ÷ 4096	800 Hz	1875 Hz	3906.25 Hz	
	2	Q13	→ ÷ 8192	400 Hz	937.5 Hz	1953.125 Hz	
	3	Q14	→ ÷ 16384	200 Hz	468.75 Hz	976.5625 Hz	