

ICM710MA-Dx Phone Module

FOR RAPID PROTOTYPING AND MANUFACTURING

ICmic's **ICM710MA-Dx** will help Public Switched Telephone Network [PSTN] telephone manufacturer to reduce cycle-time to market at competitive price. This board uses the ICM7101D single chip phone IC which is a fully functional phone module ready for use by phone manufacturer.

Acoustic Performance	Typical Value		Units
	0km	6km	
Sending Loudness Rating	6.3	8.8	dB
Receiving Loudness Rating	-3.0	-2.8	dB
Side Tone Masking Rating	14.0	12.4	dB

Parameter	Condition	Typical Value	Units
DTMF Tones	Lower Group	-6.0	dBm
	High Group	-8.0	dBm
AC Impedance	Off Hook	620	Ω

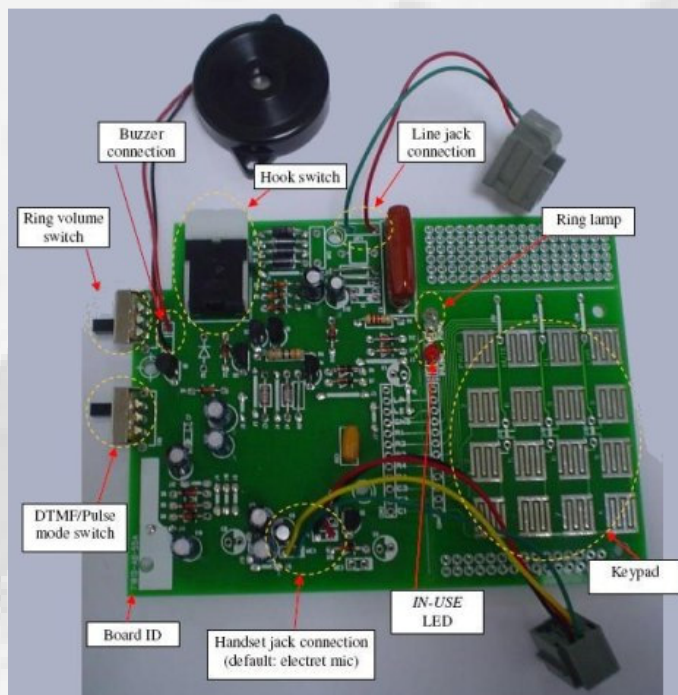


Figure 1.1: Demo board upper view

FEATURES

- Single Board Design Meets Multiple PTT Requirements.
 - 32 Digit Last Number Redial
 - Selectable Make-Break Ratio
 - Flash, Pause And Mute Buttons
 - Selectable Flash Duration
 - Tone/Pulse Dialing
 - Ring Volume Adjustable
 - Accept Electrets/Dynamic Mic

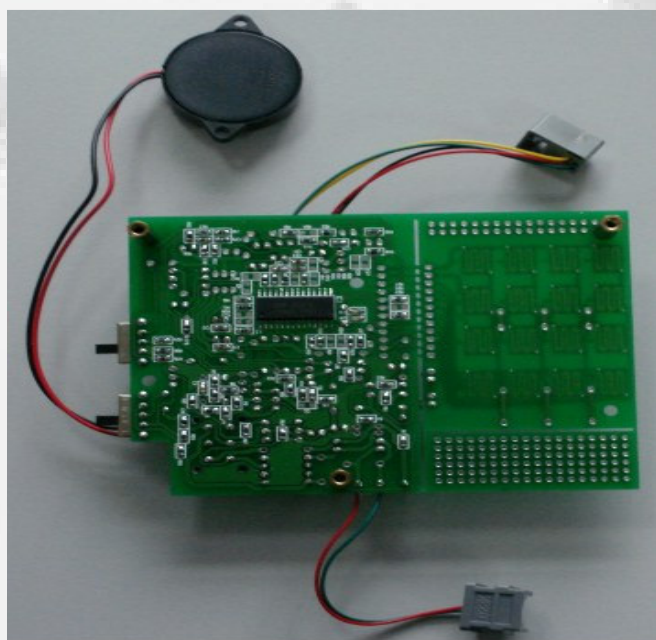


Figure 1.2: Demo board bottom view