



vicCOM complete 2

System Kit for Hands-free Talking

Intercom systems and hands-free devices are used in many areas of life. Despite background noise and interfering noises, they should offer a natural, crystal-clear full-duplex communication. Thanks to patented algorithms for acoustic echo cancellation (AEC) and noise reduction (NR), our vicCOM products provide excellent audio quality and speech intelligibility at the highest level - even under the most difficult environmental conditions.

The vicCOM complete 2 system kit extends your communication application with a hands-free functionality. You will receive audio processing module, audio amplifier, loudspeaker, microphone and parameterisation interface.

PRODUCT FEATURES

- System kit for devices with hands-free functionality in HD audio
- Plug-in screw terminal for easy installation
- Acoustic echo cancellation (AEC)
- Noise reduction (NR)
- Intelligent loss control
- Signal conditioning for microphone and loudspeaker signals
- Use and management of different parameter sets
- Parameters can be set during operation
- Recording and playback of audio files
- Software and parameters can be updated

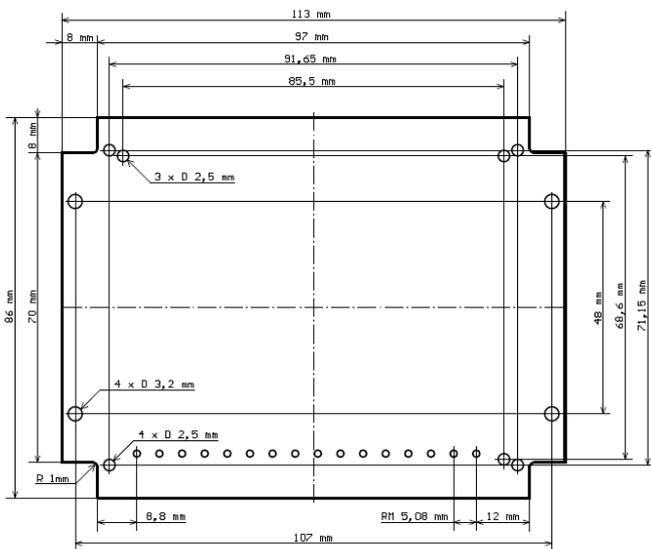
APPLICATIONS

- Intercom and emergency call systems
- Kiosk systems with communication functionality
- Building and industrial communication
- Hands-free kits for cars, commercial and emergency vehicles
- Conference systems
- Hands-free kits in emergency phones

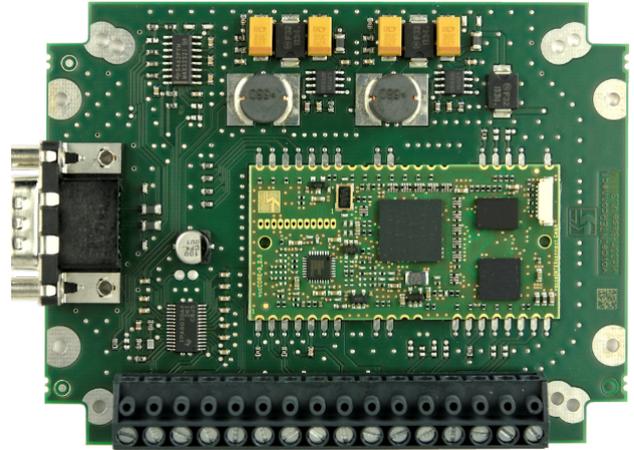
GENERAL DATA

Power supply:	12 ... 24 VDC
Bias current:	ca. 60 mA
Maximum current:	310 mA
Connectors:	16 edgeboard contacts
Audio level:	0 dBV (=1 V _{RMS})
Microphone connector:	Electret microphone
Microphone amplifier:	-12 dB ... +55 dB
Loudspeaker:	8 Ohm, 1.5 W
Operating temperature:	-40 °C ... 85 °C
Dimensions (L x W x H):	(113 x 86 x 17) mm
Form factor:	Module, single-sided
Weight:	ca. 80 g

DIMENSIONS



CONNECTORS



Pin	Name	Description
1	LS+	Loudspeaker
2	LS-	Loudspeaker
3	AGND	Ground for LineIN
4	LineIN	Audio input from target device
5	LineOUT	Audio output to target device
6	AGND	Ground for LineOUT
7	MIC	Microphone input
8	AGND	Ground for MIC
9	LSOUT	Line output of loudspeaker signal
10	AGND	Ground for LSOUT
11	GPIO1	Unused
12	GPIO2	Unused
13	GPIO3	Unused
14	GPIO4	Unused
15	12 V	Power supply
16	GND	Ground for power supply

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