Operational Descriptions

The GOC-Q82008W V1.2 is a single-chip flash programmable dual mode Bluetooth v5.0 device with integrated application processor, low-power audio DSP, on-chip ROM and RAM, stereo codec, battery charger, switch-mode and linearregulators, and LED drivers. The GOC-Q82008W V1.2 on-chip ROM includes Bluetooth HCI lower and upper stack, and the audio DSP application withthe end product application and user interface in external flash programmable memory. The GOC-Q82008W V1.2 device, the 1-mic hands-free stereo speaker application (binary image and source code), IDE,and configuration tools provide a flexible and powerful platform for developing Bluetooth audio products with fasttime to market.

GOC-Q82008W V1.2 can be the same with instructions of A2DP V1.3.1 AVRCP V1.6 HFP V1.7 HSP V1.2 SPP V1.2 DIDV1.3 HOGP V1.0 PXP V1.0.1 FMP V1.0 BAS V1.0 and so on, and is easy to apply the module into your own product design.

In addition,GOC-Q82008W V1.2 can help users to customize soft well based on abundance in extra soft well design.

Standard ：	Bluetooth V5.0
IC：	QCC3008
Frequency Range：	2402~2480MHz
Modulation Method	GFSK, π/4-DQPSK,8DPSK
Max Speed For Transfer	Asynchronous: 723.2Kbps/57.6Kbps
	Synchronous: 433.9Kbps/433.9Kbps
Hop	1600hops/sec, 1MHz Channel Space
Output Impedance	50 Ohms
Crystal Frequency	26MHz
Outer Interface	UART, SPI,PCM,USB,Microphone
Apply To Bluetooth Instructions	A2DP V1.3.1 AVRCP V1.6 HFP V1.7 HSP V1.2 SPP V1.2 DIDV1.3 HOGP V1.0 PXP V1.0.1 FMP V1.0 BAS V1.0
Dimension	35.75mm*14.50mm*3.00mm
Power Voltage	3.30 V Supply Voltage Typically
Working Current	90--100mA
Standby Current	10--15mA
Storage Temperature	-40ºC to +105ºC
Temperature Range	-40ºC to +85ºC
Humidity Range	10%~90% Non-Condensing