

# **BBQ**

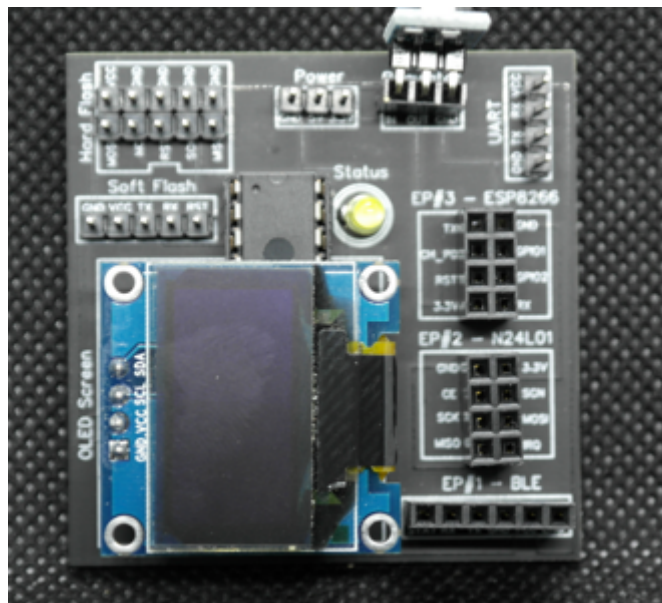
## **Datasheet**

### **version 1.0**



# Overview

The BBQ is composed by a board and bluetooth communication dongle. The following screenshot show the BBQ board without the bluetooth dongle.



The system runs on an Atmega328p, a screen shows the temperature value in real time. Every seconds, the BBQ sends to the appliance (your phone) the temperature value over Bluetooth Low Energy communication.

## Communication

The appliance can interact to the BQQ BBQ with proprietary commands. Available command are described bellow and need to be sent over Bluetooth Low Energy protocol

Command	Parameters	Answer	Description
cmd+ping	None	BBQ will print “Ping request received Sending pong reply”  The BBQ led will on one second	Ping the BBQ and get a pong answer
cmd+eastereggs	None	None	The BBQ will print a nice message
cmd+[password]	Password	If the password is valid, the encryption key will be printed on the screen	Access to the admin panel