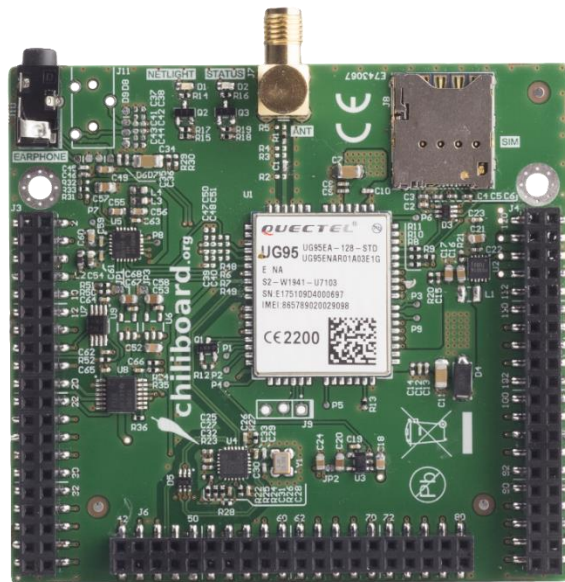


chiliboard M2M (2G) Sandwich



V1.1
GRINN 2017

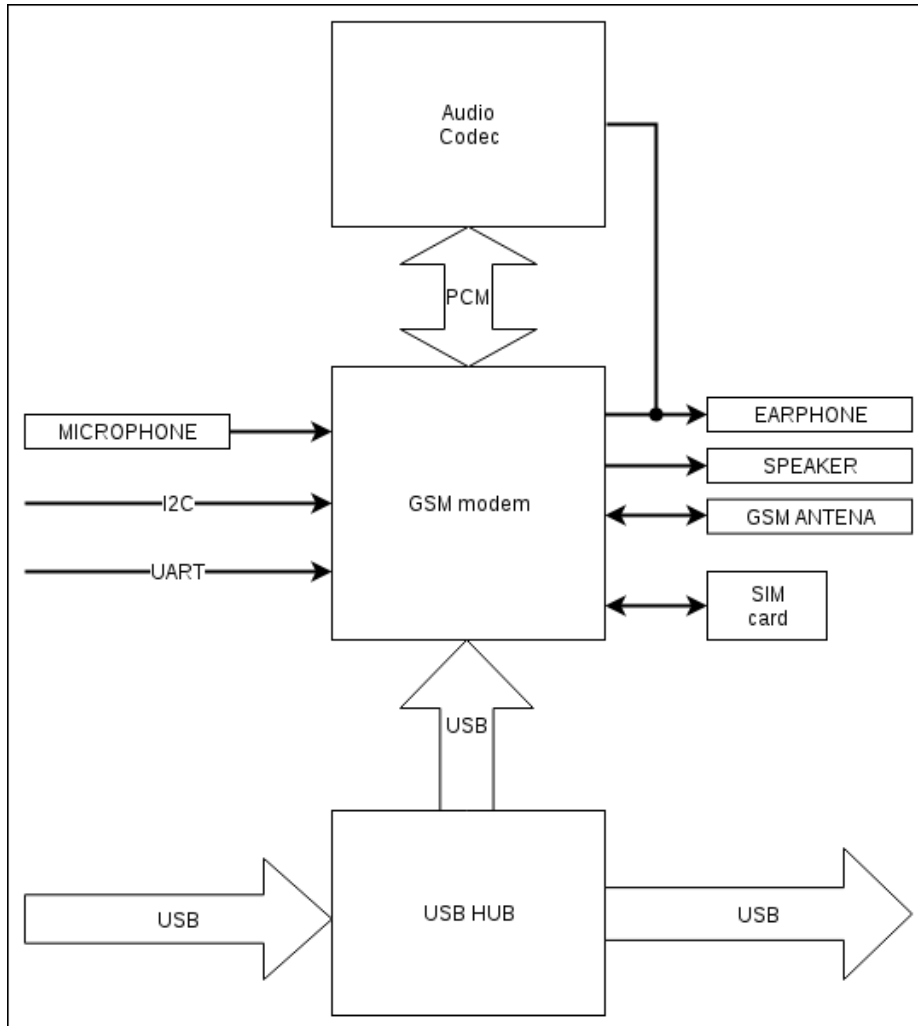
1. Features

1.1. Key features

- Suitable for both: chiliboard and liteboard
- Based on 2G Quectel module M95:
 - Bands: 850/900/1800/1900MHz
 - SMA Female connectors for antenna
- MicroSIM holder
- SMA Female connectors for antenna
- Operating temperature range (C): -40 to 85

2. Functional Description

2.1. Block Diagram



More information about 2G Quectel module is available on the Quectel webpage:
<http://www.quectel.com/product/prodetail.aspx?id=7>

2.2. Connectors description

Signal name	Connector	Pin	Description
SOM_UART1_TXD	J1	22	UART TX
SOM_UART1_RXD	J1	21	UART RX
SOM_UART1_CTS	J1	19	UART CTS
SOM_UART1_RTS	J1	20	UART RTS
I2C SCL	J1	15	I2C clock
I2C SDA	J1	18	I2C data
USB P	J5	7	USB input
USB N	J5	9	USB inupt
TOP USB P	J6	8	USB output
TOP USB N	J6	10	USB output

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