TheGateway_Silica Documentation

Release 0

Silica

October 03, 2016

Contents

1 The Gateway Solution **3**

2 INTRODUCTION **5**

3 Hardware Specification **7**

3.1 Document references 9

Version 1.00B

Copyright (C)2016 Avnet Silica company

Date 6 Jul 2016

Reference name BAEVTGW001

CHAPTER 1

The Gateway Solution

The Gateway

CHAPTER 2

INTRODUCTION

The gateway board manages all the necessary connectivity to the cloud service via WiFi. It can manage smart sensor boards via Bluetooth Smart connectivity. The board also contains an integrated antenna.

Some PMODtm connectors enable expansion of the board peripherals and connectivity: as an example a GSM peripheral module with embedded SIM and SIM-connector options is available as an expansion option to the gateway board to enable cellular connectivity up to cloud enterprise software services

CHAPTER 3

Hardware Specification

Image part	Description
	 PMOD (I2C) - Expansion (opt.)
	 PMOD (UART/SPI) Expansion

3.1 Document references

The board reference documentation is available on:

- the Silica Visible Things website.
- the architech-board website.

I

index, 3