



Part Number: IRIDIUM9645TPMI2CTOBO1

Description: Iridium 9645 – TPM1.2 I2C
Evaluation Board for Raspberry Pi and BeagleBoard xM



Infineon's Trusted Platform Module (TPM) SLB 9645 is a fully TCG standard compliant TPM 1.2.

It is featuring an I2C interface to facilitate host communication

Summary of Features:

Key features OPTIGA™ TPM SLB 9645

- Compliant to TCG (Trusted Computing Group) TPM 1.2 Rev. 116
 - High-end security controller with advanced cryptographic algorithms implemented in hardware
- Based on Common Criteria (EAL4+) certified code
- Easy integration thanks to I2C interface
- Extended temperature range (-40 to +85°C) for a variety of applications

Key features Iridium board

- 3.3 V or 1.8 V power supply
- 26-pin Raspberry Pi 1 header, compatible with Raspberry Pi 2 & 3 40-pin header
- 28-pin BeagleBoard-xM header

- Reset button
- Power LED
- Reset input from evaluation board
- Test header
- External reset circuitry (optional)

Benefits:

Sensitive data such as cryptographic keys or secrets can be stored inside the TPM, where the data is protected by the TPM's hardware from unauthorized access or manipulation. This enables confidentiality of the data on a high level.

Parametrics

Parametrics	TPM 45 IRIDIUMBOARD
Configuration	SLB 9645 TPM 1.2 for Raspberry Pi
Family	Security
Input Type	DC
Interfaces	I2C
Product Description	Infineon TPM SLB 9645 Iridium add-on board fo Raspberry Pi and BeagleBoard xM. For integration into the corresponding platform OS (Linux, Win 10 IoT, etc.).
Product Name	Iridium 9645 - TPM1.2 IRIDIUM Evalboard
Qualification	Consumer ; Industrial
Supply Voltage min max	3.3 V 1.65 V 3.6 V
Target Application	Automation ; Lighting ; Consumer ; Industrial ; Medical ; Smart Card and Security
Type	Evaluation Board

Order

Sales Product Name	TPM 45 IRIDIUMBOARD
OPN	IRIDIUM9645TPMI2CTOBO1
Product Status	active and preferred
Package name	--
Order online	Buy online
Completely lead free	
Halogen free	
RoHS compliant	no
Packing Size	120
Packing Type	CONTAINER
Moisture Level	
Moisture Packing	DRY