TSSOP ORDERING CODE ADDENDUM

1. Ordering Information

1.1 AT97SC3205 SPI TPM – TSSOP

Table 1-1. **AT97SC3205 SPI TPM TSSOP Ordering Information**

Atmel Ordering Code	Package	Description	Operation Range	
AT97SC3205-X3A12-10	28-pin 4.4mm TSSOP	Lead-free, RoHS v1.2 rev 116 Standard Mode SPI TPM with Real Mode EK, 2066B User NV	Commercial	(0°C to 70°C)
AT97SC3205-U3A12-10			Industrial	(-40°C to 85°C)
AT97SC3205-X3A12-20		Lead-free, RoHS v1.2 rev 116 Standard Mode SPI TPM with Signed EK (X.509 Certificate), 2066B User NV	Commercial	(0°C to 70°C)
AT97SC3205-U3A12-20			Industrial	(-40°C to 85°C)
AT97SC3205-X3A15-10		Lead-free, RoHS v1.2 rev 116 FIPS/Flex Mode SPI TPM with Real Mode EK, 2066 User NV	Commercial	(0°C to 70°C)
AT97SC3205-U3A15-10			Industrial	(-40°C to 85°C)
AT97SC3205-X3A15-20		Lead-free, RoHS v1.2 rev 116 FIPS/Flex Mode SPI TPM with Signed EK (X.509 Certificate), 2066 User NV	Commercial	(0°C to 70°C)
AT97SC3205-U3A15-20			Industrial	(-40°C to 85°C)

1.2 AT97SC3205T I^{2}C TPM – TSSOP

Table 1-2. **AT97SC3205T I^{2}C TPM TSSOP Ordering Information**

Atmel Ordering Code	Package	Description	Operation Range	
AT97SC3205T-X3A14-10	28-pin 4.4mm TSSOP	Lead-free, RoHS v1.2 rev 116 Standard Mode I^{2}C TPM with Real Mode EK, 2066 User NV	Commercial	(0°C to 70°C)
AT97SC3205T-U3A14-10			Industrial	(-40°C to 85°C)
AT97SC3205T-X3A14-20		Lead-free, RoHS v1.2 rev 116 Standard Mode I^{2}C TPM with Signed EK (X.509 Certificate), 2066 User NV	Commercial	(0°C to 70°C)
AT97SC3205T-U3A14-20			Industrial	(-40°C to 85°C)
AT97SC3205T-X3A16-10		Lead-free, RoHS v1.2 rev 116 FIPS/Flex Mode I^{2}C TPM with Real Mode EK, 2066 User NV	Commercial	(0°C to 70°C)
AT97SC3205T-U3A16-10			Industrial	(-40°C to 85°C)
AT97SC3205T-X3A16-20		Lead-free, RoHS v1.2 rev 116 FIPS/Flex Mode I^{2}C TPM with Signed EK (X.509 Certificate), 2066 User NV	Commercial	(0°C to 70°C)
AT97SC3205T-U3A16-20			Industrial	(-40°C to 85°C)

2. TPM Configuration

2.1 TPM TSSOP Package EK Configuration

The Atmel® Trusted Platform Module (TPM) TSSOP package is shipped with pregenerated endorsement key pairs resident on the TPM. This configuration is considered the Real or Normal mode of the operation. Atmel can optionally support an X.509 EK Certificate (Signed-Real-Mode) stored in NV Storage as defined in the TCG Client Specific Implementation Specification for Conventional BIOS. Please contact Atmel for more information regarding Atmel EK Certificates.

2.2 FIPS/Flexible Mode

The FIPS/Flexible devices are shipped by Atmel in Flexible mode allowing the customer to permanently set and lock the device into either Standard, Legacy FIPS-140-2 certified, or WIN8 FIPS-140-2 certified mode during platform or device initialization. Please reference the Atmel Application Note, "Configuring FIPS/Flexible Devices" by contacting an Atmel Sales Representative:

http://www.atmel.com/about/contact/distributors/default.aspx?contactType=Sales%20Representative

3. Revision History

Doc. Rev.	Date	Comments
8872B	06/2014	Add AT97SC3205T I^{2}C TSSOP ordering codes. Add and update AT97SC3205 SPI TSSOP codes.
8872A	12/2013	Initial document release.

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