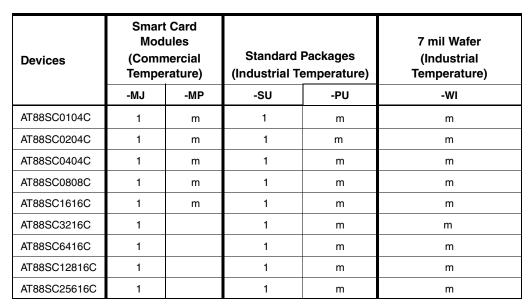
CryptoMemory and Secure Memory: Standard Product Offerings

The family of CryptoMemory[®] devices in the following tables are available as standard products. Options are listed for each device including, Smart Card Modules, Standard Packages and Wafers. Ordering codes indicate specific options to be used with the device number (e.g., AT88SC1616C-MJ denotes the 16K CryptoMemory in a "J" module). Options marked with an "m" are available, and those marked with a "1" are most commonly sold and therefore may have reduced leadtimes. Actual ship quantity in module form will vary +/- 20% depending upon die per wafer.

The following pages give details of the package options for the various ordering codes.



0.0.1 CryptoMemory



CryptoMemory and Secure Memory

Standard Product Offering

5044F-SMIC-6/08





0.0.2 Secure Memory

Devices	Smart Card Modules (Commercial Temperature)		Standard Packages (Industrial Temperature)		7 mil Wafer (Industrial Temperature)
	-09ET-00	-09PT-00	-10SU-00	-10PU-00	-10WI-00
AT88SC102	1	m			m
AT88SC1003	1	m			m
AT88SC153	1	m	1	m	m
AT88SC1608	1	m	1	m	m

Notes: 1. m = available

- 2. 1 = most commonly sold and may have reduced leadtimes
- 3. All devices operate at 2.7–5.5V except AT88SC1003, which operates at 4.5–5.5V.
- 4. All modules and packages are RoHS compliant.

Crypto SM Ordering Codes

CryptoMemory Ordering Codes Smart Card Modules

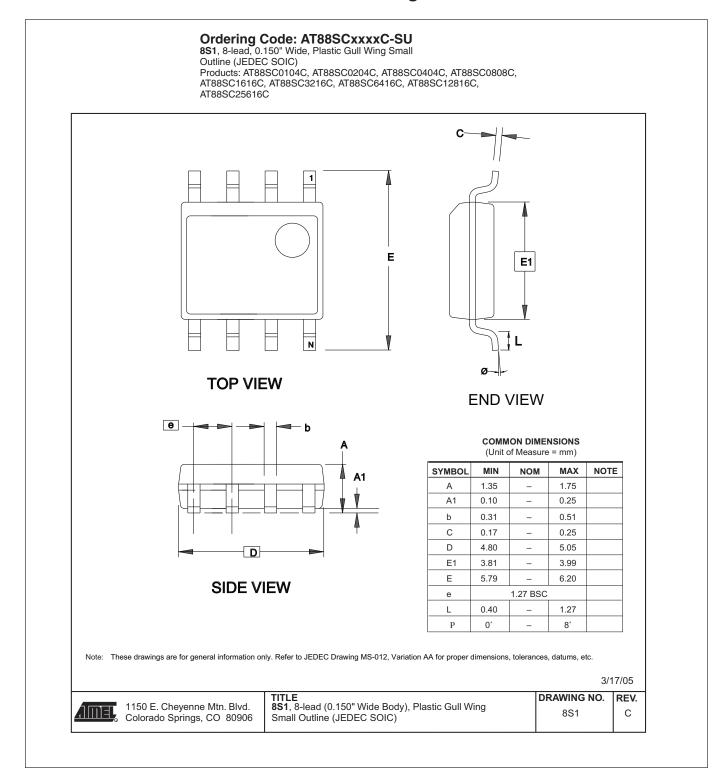
Ordering Code: AT88SCxxxxC-MJ Module Size: M2 Dimension*: 12.6 x 11.4 [mm] Glob Top: Round - 08.0 [mm] Thickness: 0.58 [mm] Pitch: 14.25 mm Products: AT88SC0104C AT88SC0404C AT88SC0404C AT88SC1616C AT88SC12816C AT88SC12816C AT88SC12816C AT88SC12816C	Ordering Code: AT88SCxxxxC-MP Module Size: M2 Dimension*: 12.6 x 11.4 [mm] Glob Top: Square – 8.8 x 8.8 [mm] Thickness: 0.58 [mm] Pitch: 14.25 mm Products: AT88SC0104C AT88SC0104C AT88SC0204C AT88SC0404C AT88SC0404C AT88SC1616C

Note: *The module dimensions listed refer to the dimensions of the exposed metal contact area. The actual dimensions of the module after excise or punching from the carrier tape are typically 0.4 mm greater in both directions (i.e., a punched M2 module will yield 13.0 x 11.8 mm)





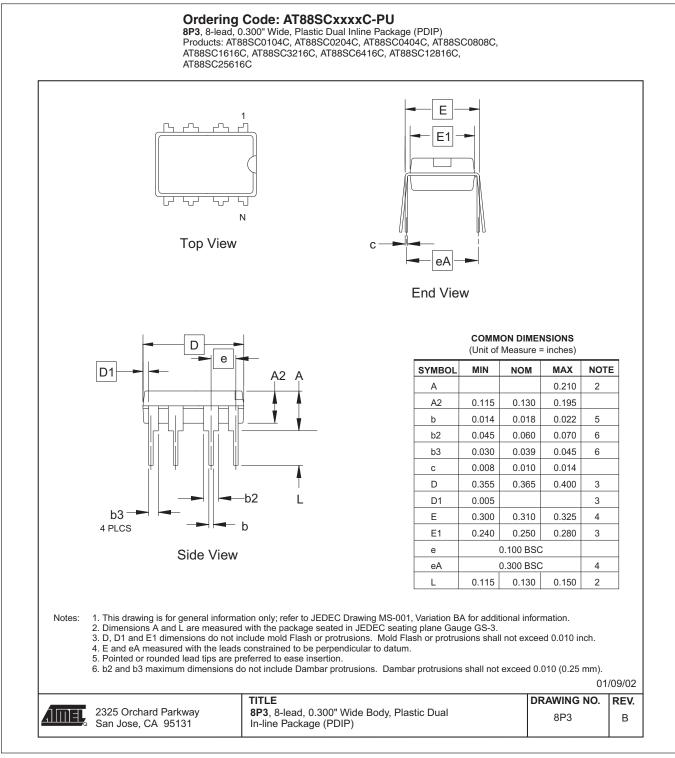
CryptoMemory Ordering Codes Standard Packages



4 Crypto SM Ordering Codes

CryptoMemory Ordering Codes

Standard Packages



Note: Dimensions in inches and (millimeters).





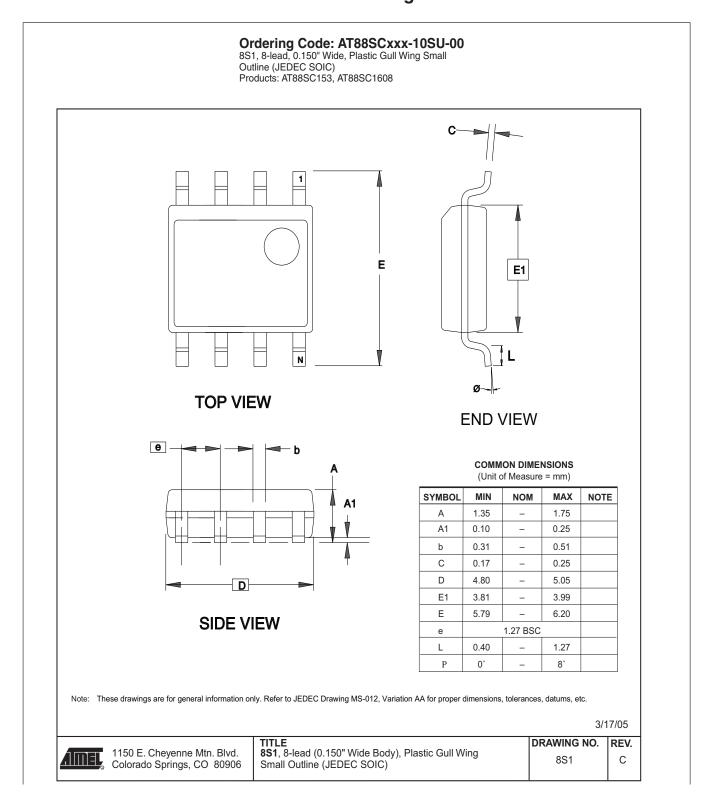
Secure Memory Ordering Codes Smart Card Modules

Ordering Code: AT88SCxxx-09ET-00Image: Construction of the system	Ordering Code: AT88SCxxx-09PT-00 Module Size: M2 Dimension*: 12.6 x 11.4 [mm] Glob Top: Square – 8.8 x 8.8 [mm] Glob Top: Square – 8.8 x 8.8 [mm] Dick: 0.58 [mm] Products: AT88SC102 AT88SC103 AT88SC1608

Note: *The module dimensions listed refer to the dimensions of the exposed metal contact area. The actual dimensions of the module after excise or punching from the carrier tape are typically 0.4 mm greater in both directions (i.e., a punched M2 module will yield 13.0 x 11.8 mm)

6 Crypto SM Ordering Codes

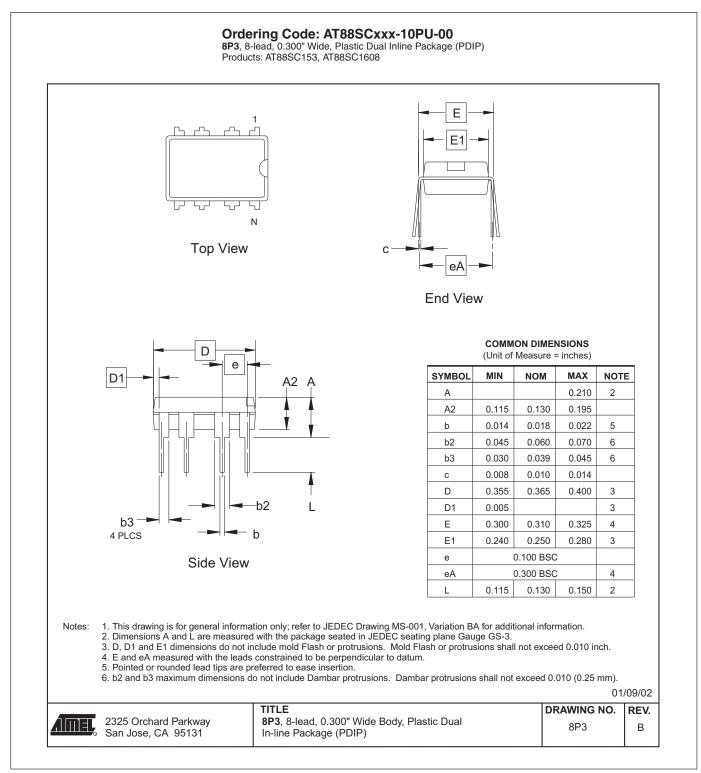
Secure Memory Ordering Codes Standard Packages







Secure Memory Ordering Codes Standard Packages



Note: Dimensions in inches and (millimeters).

8 Crypto SM Ordering Codes

1. Revision History

Date	Doc. Rev.	Comments
6/2008	5044F	Updated to new template
7/2006	5044E	Revision history implemented. Added new Smart Card module and plastic package offerings, including RoHS packages.





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