

# Product Identification System (Non-Automotive)

**A T 2 1 C S 0 1 - S S H M 1 0 - T**

**Product Family**  
 21CS = Single-Wire Serial EEPROM  
 with Serial Number

**Device Density**  
 01 = 1 Kilobit, 1.7V Minimum  
 11 = 1 Kilobit, 2.7V Minimum

**Shipping Carrier Option**

T = Tape and Reel  
 B = Bulk

**Product Variation<sup>(1)</sup>**

10 = 0-0-0 Client Address ( $A_2, A_1, A_0$ )  
 11 = 0-0-1 Client Address ( $A_2, A_1, A_0$ )  
 12 = 0-1-0 Client Address ( $A_2, A_1, A_0$ )  
 13 = 0-1-1 Client Address ( $A_2, A_1, A_0$ )  
 14 = 1-0-0 Client Address ( $A_2, A_1, A_0$ )  
 15 = 1-0-1 Client Address ( $A_2, A_1, A_0$ )  
 16 = 1-1-0 Client Address ( $A_2, A_1, A_0$ )  
 17 = 1-1-1 Client Address ( $A_2, A_1, A_0$ )  
 0B = 0-0-0 Client Address ( $A_2, A_1, A_0$ ),  
 WLCSP with Back Side Coating

**Operating Voltage**

M = 1.7V to 3.6V  
 Blank = 2.7V to 4.5V

**Device Grade or  
 Wafer/Die Thickness**

H or U = Industrial Temperature Range  
 (-40°C to +85°C)

**Package Option**

SS = SOIC  
 ST = SOT-23  
 TO = TO-92 (AT21CS01 only)  
 MC = VSFN (2x2.35x0.9 mm, Body)  
 U = WLCSP  
 MS = XSFN (5x3.5x0.4 mm, Body)  
 WWU= Wafer Unsawn

**Note 1:** Contact Microchip Sales for non 0-0-0 Client Address availability.