

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⁽¹⁾

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 (AT21CS01 only)
MS = XSFN (5x3.5x0.4 mm, Body)
WWU= Wafer Unsawn

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