



Brand Traceability with ZEROPOWER[®] and TIMEKEEPER[®]

INTRODUCTION

To insure traceability to specific assembly and test operations, ST clearly brands a date code on every device, an encapsulation code on CAPHAT[™] products, and the fab lot number on all SOIC products.

The 9-character date code (Figure 1) is positioned at the top of the label, beside the ST logo. This presents a complete facility identification, as well as a final-test time-line of the device's manufacturing process.

The 5- to 8-character encapsulation code (CAPHAT only; Figure 2) is positioned at the end of the device and is placed perpendicularly to the date code. It summarizes details of the encapsulation process.

Figure 1. Date Code

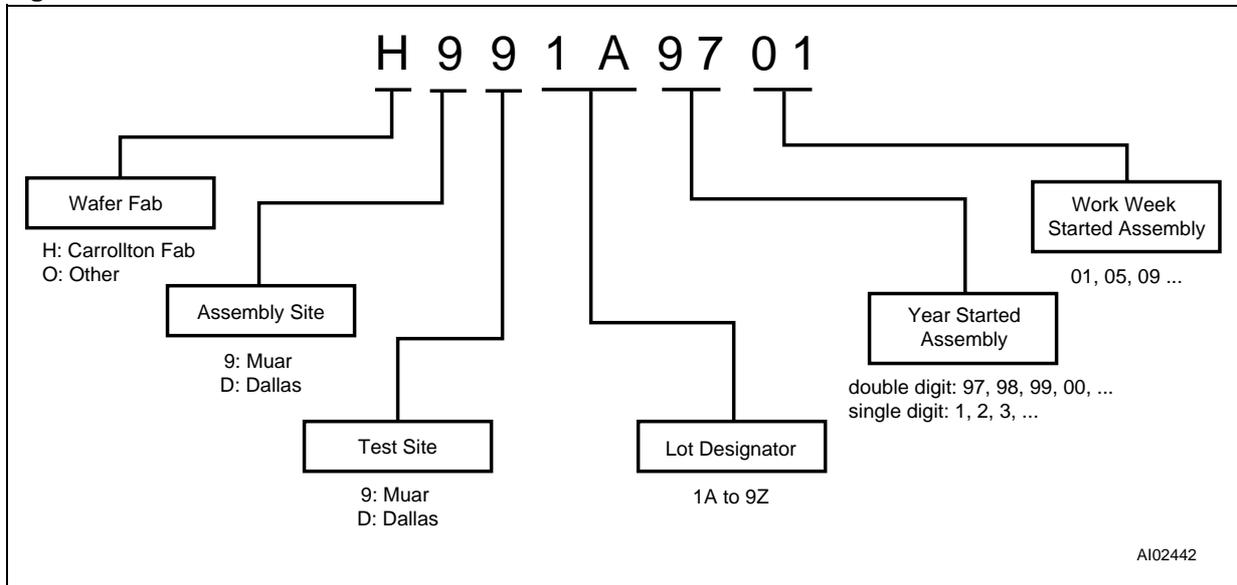
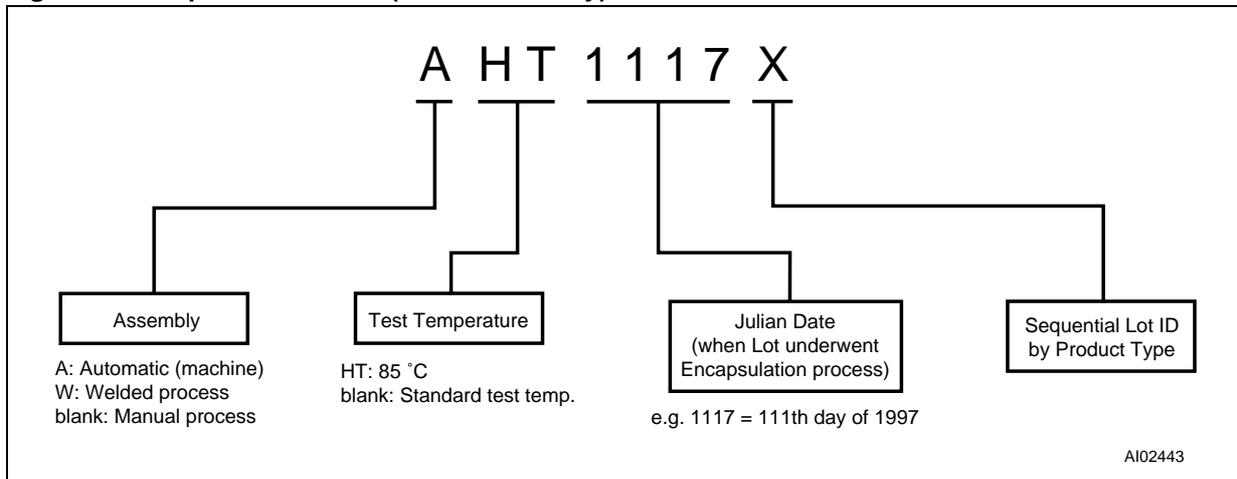


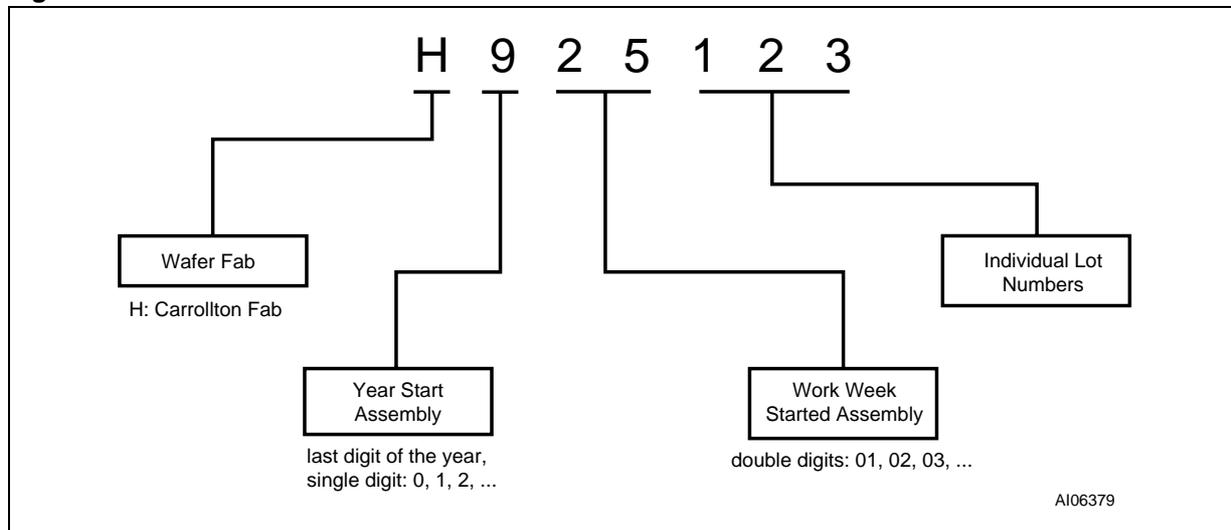
Figure 2. Encapsulation Code (CAPHAT[™] only)



AN926 - APPLICATION NOTE

The 7-character code (SOIC only; Figure 3) is positioned in the bottom line closest to Pin 1 on the device. It represents the lots' overall fabrication history.

Figure 3. Fab Lot Number



CONTACT INFORMATION

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