

DigiKey/SPS SSCC-18 Label Quick Reference

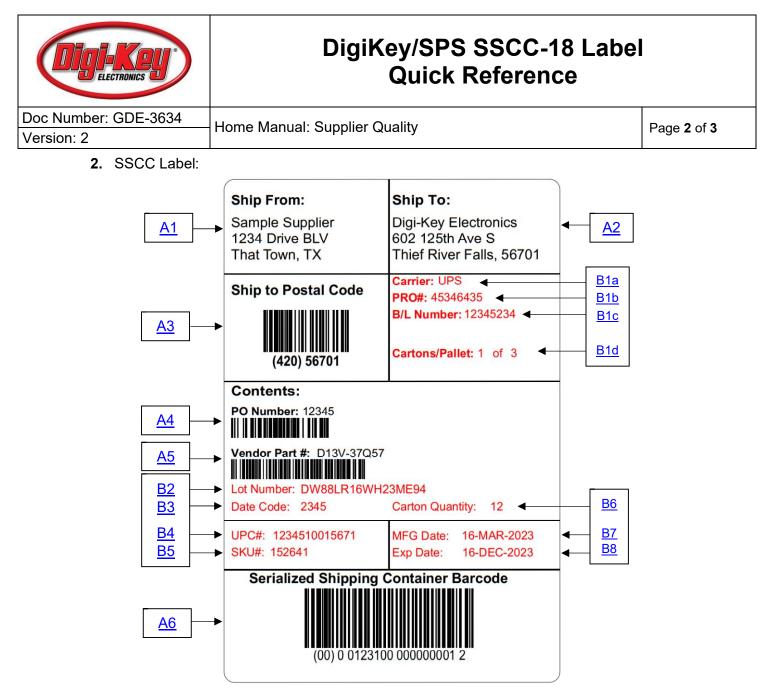
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1.0 Purpose

This document outlines the requirements and structure of the Serialized Shipping Container Code (SSCC) label in accordance with ASN specifications set forth by DigiKey and SPS Commerce.

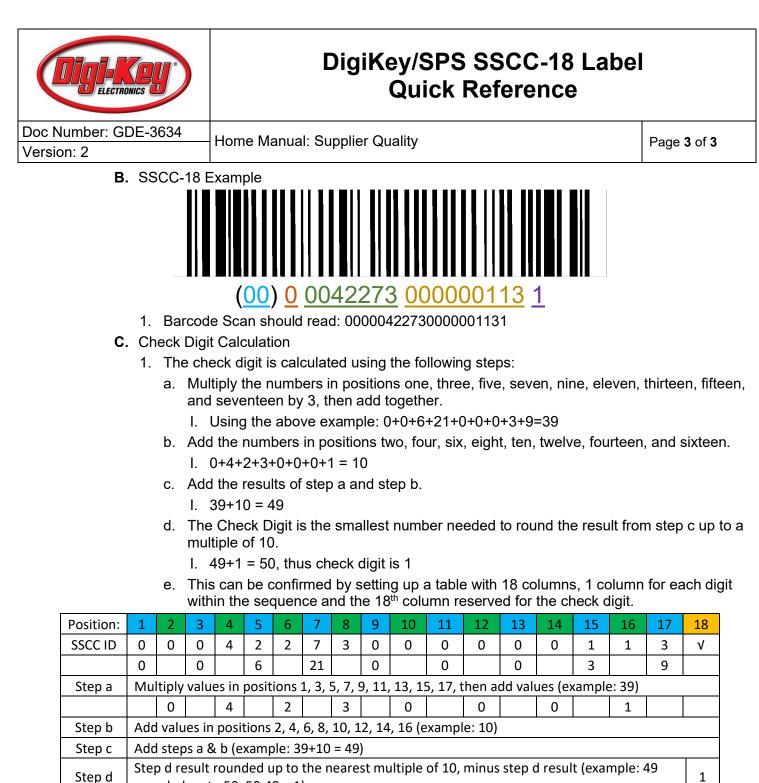
2.0 Guidelines

- 2.1 Label Field Requirements
 - 1. The following fields are required or suggested on the License Plate Number (LPN), or Line Item (LI) label with like attributes. Barcodes require an Application Identifier (AI)
 - A. Required Data (10 to 16pt font, unless expressed otherwise)
 - 1. From Address: Vendor's ship from name and address (10 to 12 pt font)
 - 2. To Address: Ship to name and address (10 to 12 pt font)
 - 3. Ship To postal code and barcode
 - a. Barcode: GS1-128 symbology
 - b. GS1-128, Data Identifier: 420
 - 4. DigiKey PO Number and Barcode
 - a. Barcode: Code-128 symbology
 - b. Application Identifier: K
 - 5. Vender/Supplier Part Number and barcode
 - a. Barcode: Code-128 symbology
 - b. Application Identifier: 1P
 - 6. SSCC-18 number and barcode
 - a. Barcode: GS1-128 symbology, 18-digit length (Excluding AI)
 - b. Application Identifier: 00
 - B. Optional Data (Shown with red text in label sample, 10 to 16pt font)
 - 1. Shipment Information
 - a. Carrier Name
 - b. Progressive Number (PRO #)
 - c. Bill of Lading Number (B/L Number)
 - d. Carton or Pallet count (Cartons/Pallet)
 - 2. Lot Number, displayed with N/T if Not Traceable
 - 3. Date Code, displayed in 4-digit YYWW format, or N/T if Not Traceable
 - 4. Universal Product Code (UPC #)
 - 5. Stock Keeping Unit (SKU #)
 - 6. Carton Quantity count of individual pieces within carton
 - 7. Manufactured Date (MFG DATE)
 - 8. Expiration Date (MFG Date)



Note: Text in red is optional data and may be excluded from label if not used. Text in blue is required if applicable to the product.

- 3. SSCC ID Data structure
 - A. The SSCC number and barcode is structured as follows:
 - 1. Application Identifier (2 digits): 00 to indicate an SSCC ID.
 - 2. Extension Digit (1 digit, 0-9): Used to increase capacity of the Serial Reference.
 - 3. GS1 Company Prefix: A globally unique number issued to a GS1 member company. This is assigned through the GS1 US application. (See section 4)
 - 4. Serial Reference: The number allocated to identify a logistic or shipping unit.
 - 5. Check Digit: A modulo 10-digit used to check for input errors. (See section 3.C)



rounded up to 50, 50-49 = 1)

Note: Barcoding software capable of GS1-128 SSCC barcodes have the capability to calculate the check digit automatically.

- 4. GS1 Company Prefix
 - **A.** The GS1 Company prefix is assigned through the GS1 application site. An overview of the GS1 US Serial Shipping Container Code (SSCC) can be <u>found here</u>.
 - 1. Alternatively: <u>https://www.gs1.org/standards/id-keys/sscc</u>

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Reference

No records to display.