

# DigiKey/SPS SSCC-18 Label Quick Reference

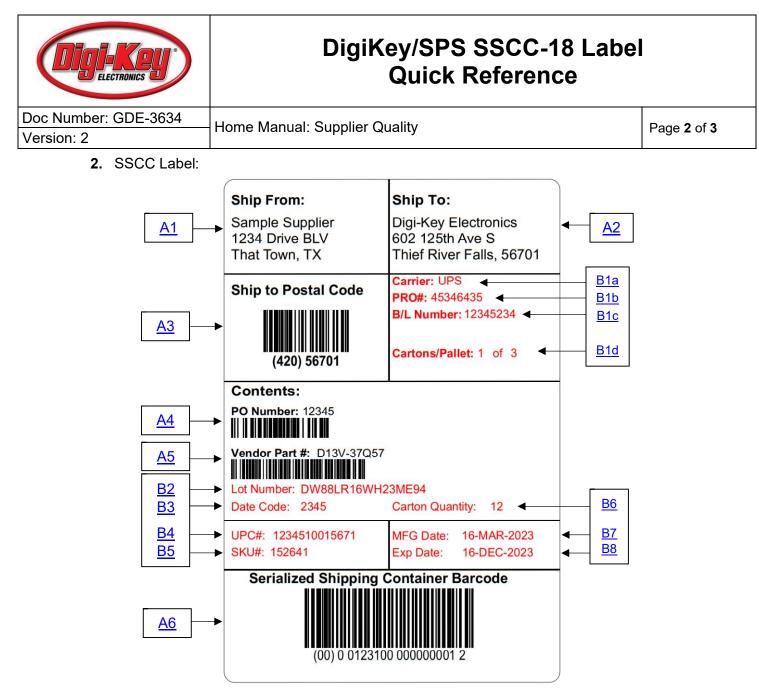
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### 1.0 Purpose

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.

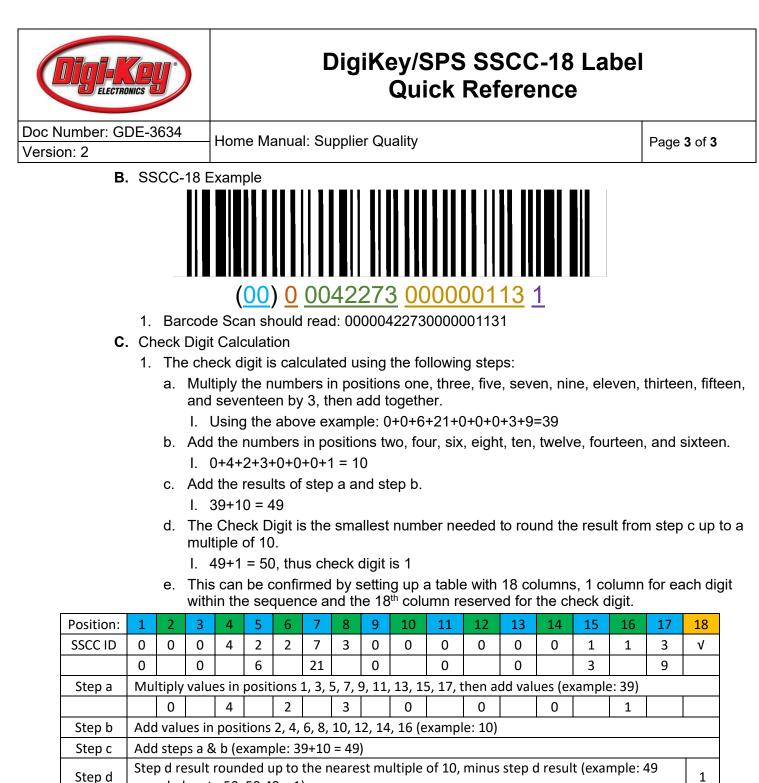
### 2.0 Guidelines

- 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>

DIDI-KCU ELECTRONICS	DigiKey/SPS SSCC-18 Label Quick Reference		
Document Number : GDE-3634	Home Manual : Supplier Quality		
Version : 2			
Author: Dustin Berg			

Author:Dustin BergDocument Category:GuideDocument Status:CurrentDate Approved:Dec 11, 2023Expiration Date:

# **Approval History**

Name of Approver	Approval Date	Approval Notes
Derek Haas	Dec 11, 2023	
Wynn Klamm	Dec 8, 2023	

## **Controlled Document Record Activity**

Activity	Created By	Created Date	Comment
checkout	Dustin Berg	Dec 8, 2023	
submitforapproval	Dustin Berg	Dec 8, 2023	
checkin	Dustin Berg	Dec 8, 2023	Updated Postal Code on label example
approveapproval	Wynn Klamm	Dec 8, 2023	
approveapproval	Derek Haas	Dec 11, 2023	
release	Derek Haas	Dec 11, 2023	

## Reference

No records to display.