



SANMINA-SCI

SANMINA-SCI

EDI INBOUND ORDRSP MESSAGE

VERSION: EDIFICE D97A

| | |
|-------------------------|------------------------------|
| Author: | SANMINA-SCI EDI Group |
| Trading Partner: | All EDI Suppliers |
| Modified: | October 24, 2011 |
| Version: | 2 |



DOCUMENT REVISION

| Revision No. | Date | Person(s) Responsible | Comments |
|---------------------|-------------|------------------------------|--|
| DRAFT | 17-Sep-02 | Iain Wyper | Draft document |
| 01 | 14-Jul-10 | Tammy Fleet | Added new codes for QTY and DTM at schedule level. |
| 2 | 24-Oct-11 | Tammy Fleet | Added Blanket PO release number for RTF process. |



ORDRSP Purchase order response message

A message from seller to buyer, responding to a purchase order message, a purchase order change request message or a forecast message with embedded release.

Segments:

| Pos | Tag | Segment Name | Status | Repetition | Notes | Usage |
|------|-----|--------------------|--------|------------|-------|-------|
| 0001 | UNB | INTERCHANGE HEADER | M | 1 | | Used |

Heading:

| Pos | Tag | Segment Name | Status | Repetition | Notes | Usage |
|------|-----|------------------------|--------|------------|-------|----------|
| 0010 | UNH | MESSAGE HEADER | M | 1 | | Must use |
| 0020 | BGM | BEGINNING OF MESSAGE | M | 1 | | Must use |
| 0030 | DTM | DATE/TIME/PERIOD | M | 1 | | Must use |
| 0080 | | <u>Segment Group 1</u> | C | 2 | N | |
| 0090 | RFF | REFERENCE | M | 1 | | Must use |
| 0140 | | <u>Segment Group 3</u> | C | 5 | N | |
| 0150 | NAD | NAME AND ADDRESS | M | 1 | | Must use |
| 0310 | | <u>Segment Group 8</u> | C | 5 | N | |
| 0320 | CUX | CURRENCIES | M | 1 | | Must use |

Detail:

| Pos | Tag | Segment Name | Status | Repetition | Notes | Usage |
|------|-----|-------------------------|--------|------------|-------|----------|
| 0960 | | <u>Segment Group 26</u> | C | 200000 | N | |
| 0970 | LIN | LINE ITEM | M | 1 | | Must use |
| 0980 | PIA | ADDITIONAL PRODUCT ID | C | 25 | | Optional |
| 1010 | QTY | QUANTITY | C | 99 | | Must use |
| 1240 | | <u>Segment Group 30</u> | C | 1 | N | |
| 1250 | PRI | PRICE DETAILS | M | 1 | | Must use |
| 1300 | | <u>Segment Group 31</u> | C | 1 | N | |
| 1310 | RFF | REFERENCE | M | 1 | | Must use |
| 1990 | | <u>Segment Group 51</u> | C | 100 | N | |
| 2000 | SCC | SCHEDULING CONDITIONS | M | 1 | | Must use |
| 2030 | | <u>Segment Group 52</u> | C | 10 | N | Must use |
| 2040 | QTY | QUANTITY | M | 1 | | Must use |
| 2050 | DTM | DATE/TIME/PERIOD | C | 1 | | Must use |
| 2160 | UNS | SECTION CONTROL | M | 1 | | Must use |
| 2230 | UNT | MESSAGE TRAILER | M | 1 | | Must use |

Segments:

| Pos | Tag | Segment Name | Status | Repetition | Notes | Usage |
|------|-----|---------------------|--------|------------|-------|----------|
| 3000 | UNZ | INTERCHANGE TRAILER | M | 1 | | Must use |



UNB INTERCHANGE HEADER

| | |
|-------------|-------------|
| Pos: 0001 | Max: 1 |
| - Mandatory | |
| Group: N/A | Elements: 7 |

To start, identify and specify an interchange.

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> |
|------------|------------|---|---------------|-------------------------------|----------------|
| UNB010 | S001 | SYNTAX IDENTIFIER | M | Comp | |
| | 0001 | Syntax identifier | M | A | 4/4 |
| | | <u>Code</u> UNOA | | <u>Name</u> UN/ECE level A | |
| | 0002 | Syntax version number | M | N | 1/1 |
| | | <u>Code</u> 1 | | <u>Name</u> Version 1 | |
| UNB020 | S002 | INTERCHANGE SENDER | M | Comp | |
| | 0004 | Sender identification Supplier's UNB receiver ID | | AN | 1/35 |
| | 0007 | Partner identification code qualifier Supplier's UNB receiver ID qualifier | C | AN | 1/4 |
| | 0008 | Address for reverse routine Sender's routing address if required | C | AN | 1/14 |
| UNB030 | S003 | INTERCHANGE RECIPIENT | M | Comp | |
| | 0010 | Recipient identification <i>Sanmina-SCI's mailbox details are:</i> <i>Production:- SANMINACORP</i> <i>Test:- SANMINACORT</i> | M | AN | 1/35 |
| | 0007 | Partner identification code qualifier <i>Sanmina-SCI's qualifier details are:</i> <i>Production:- 01</i> <i>Test:- ZZ</i> | C | AN | 1/4 |
| | 0014 | Routing Address Routing address of supplier – if applicable | C | AN | 1/14 |
| UNB040 | S004 | DATE/TIME OF PREPARATION | M | Comp | |
| | 0017 | Date of preparation Date when the EDI translator generated the ORDRSP message. Date format = yymmdd | M | N | 6/6 |



SANMINA-SCI

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> |
|---------------|-------------|---|---------------|-------------|----------------|
| | 0019 | Time of preparation Time when the EDI translator generated the ORDRSP message. Time format = hhmm | M | N | 4/4 |
| UNB050 | 0020 | INTERCHANGE CONTROL REFERENCE Supplier, sequentially generated UNB control number. | M | AN | 1/14 |
| UNB060 | S005 | RECIPIENT'S REFERENCE PASSWORD | N | Comp | |
| UNB070 | 0026 | APPLICATION REFERENCE Value should always be "ORDRSP" | C | AN | 1/14 |
| UNB080 | 0029 | PROCESSING PRIORITY CODE | N | | |
| UNB090 | 0031 | ACKNOWLEDGEMENT REQUEST | N | | |
| UNB100 | 0032 | COMMUNICATIONS AGREEMENT ID | N | | |
| UNB110 | 0035 | TEST INDICATOR Indication that the interchange is a test. Set to 1 if the interchange is a test. Otherwise not used. | C | N | 1 |

Segment Example:

*UNB+UNOA:1+SupplierID:SupplierQualifier:SupplierRouting Address+SANMINACORP:01+100712:0935+1+
+ORDRSP'*



UNH MESSAGE HEADER

| | |
|---------------------|-------------|
| Pos: 0010 | Max: 1 |
| Heading - Mandatory | |
| Group: N/A | Elements: 2 |

To head, identify and specify a message.

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> |
|------------|------------|---|---------------|-------------|----------------|
| UNH010 | 0062 | MESSAGE REFERENCE NUMBER Supplier, sequentially generated message control number. Must match the UNT020 control number. | M | AN | 1/14 |
| UNH020 | S009 | MESSAGE IDENTIFIER | M | Comp | |
| | 0065 | Message type identifier | M | AN | 1/6 |
| | | <u>Code</u> <u>Name</u> ORDRSP Purchase order response message | | | |
| | 0052 | Message type version number | M | AN | 1/3 |
| | | <u>Code</u> <u>Name</u> D Draft | | | |
| | 0054 | Message type release number | M | AN | 1/3 |
| | | <u>Code</u> <u>Name</u> 97A Release 97A | | | |
| | 0051 | Controlling agency | M | AN | 1/2 |
| | | <u>Code</u> <u>Name</u> UN UN/ECE/TRADE/WP.4, United Nations Standard Messages (UNSM) | | | |
| | 0057 | Association assigned code | C | AN | 1/6 |
| | | <u>Code</u> <u>Name</u> EDOR04 Purchase Order Response | | | |

Segment Example:

UNH+1+ORDRSP:D:97A:UN:EDOR04'



BGM BEGINNING OF MESSAGE

| | |
|---------------------|-------------|
| Pos: 0020 | Max: 1 |
| Heading - Mandatory | |
| Group: N/A | Elements: 3 |

To indicate the type and function of a message and to transmit the identifying number.

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> |
|------------|------------|---|---------------|--|----------------|
| BGM010 | C002 | DOCUMENT/MESSAGE NAME | C | Comp | |
| | 1001 | Document/message name, coded | C | AN | 1/3 |
| | | <u>Code</u> 231 | | <u>Name</u> Purchase order response | |
| BGM020 | C106 | DOCUMENT/MESSAGE IDENTIFICATION | C | Comp | |
| | 1004 | Document/message number Supplier generated document reference number | C | AN | 1/35 |
| BGM030 | 1225 | MESSAGE FUNCTION, CODED | C | AN | 1/3 |
| | | <u>Code</u> 9 | | <u>Name</u> Original | |

Segment Example:

BGM+231+M2L002924+9'



DTM DATE/TIME/PERIOD

| | |
|---------------------|-------------|
| Pos: 0030 | Max: 1 |
| Heading - Mandatory | |
| Group: N/A | Elements: 1 |

To specify date, and/or time, or period.

This is the date the EDI Document was sent to Sanmina-SCI.

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | | | | |
|-------------|----------------------------|--|---------------|-------------|----------------|----------------------------|--|--|--|
| DTM010 | C507 | DATE/TIME/PERIOD | M | Comp | | | | | |
| | 2005 | Date/time/period qualifier | M | AN | 1/3 | | | | |
| | | <table border="0"> <tr> <td><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>137</td> <td>Document/message date/time</td> </tr> </table> | <u>Code</u> | <u>Name</u> | 137 | Document/message date/time | | | |
| <u>Code</u> | <u>Name</u> | | | | | | | | |
| 137 | Document/message date/time | | | | | | | | |
| | 2380 | Date/time/period Purchase Order Response Date | C | AN | 1/35 | | | | |
| | 2379 | Date/time/period format qualifier Format of the DTM010:2380 date | C | AN | 1/3 | | | | |
| | | <table border="0"> <tr> <td><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>102</td> <td>CCYYMMDD</td> </tr> </table> | <u>Code</u> | <u>Name</u> | 102 | CCYYMMDD | | | |
| <u>Code</u> | <u>Name</u> | | | | | | | | |
| 102 | CCYYMMDD | | | | | | | | |

Segment Example:

DTM+137:20110317:102'



Segment Group 1

| | |
|-----------------------|--------------|
| Pos: 0080 | Max: 1 |
| Heading - Conditional | |
| Group: Group 1 | Elements: NA |

Segment Summary:

| <u>Pos</u> | <u>Tag</u> | <u>Segment Name</u> | <u>Status</u> | <u>Repetition</u> | <u>Notes</u> |
|------------|------------|---------------------|---------------|-------------------|--------------|
| 0090 | RFF | REFERENCE | M | 1 | N |



RFF REFERENCE

| | |
|---------------------|-------------|
| Pos: 0090 | Max: 1 |
| Heading - Mandatory | |
| Group: Group 1 | Elements: 1 |

To specify a reference.

This section is used by the supplier to identify the PO number and, if the order is a blanket order, the release number.

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> |
|------------|------------|---------------------|---------------|-------------------------|----------------|
| RFF010 | C506 | REFERENCE | M | Comp | |
| | 1153 | Reference qualifier | M | AN | 1/3 |
| | | <u>Code</u> | | <u>Name</u> | |
| | | ON | | Order number (purchase) | |
| | | RE | | Release Number | |

| | | | | |
|------|------------------|---|----|------|
| 1154 | Reference number | C | AN | 1/35 |
|------|------------------|---|----|------|

If qualifier code 'ON' then this field will be the Sanmina-SCI PO number against which firm demand should be called-off and invoiced against.

If qualifier code 'RE' then this field will be the Release number for the blanket PO which firm demand should be called-off and invoiced against.

If the original transaction was a Blanket PO Release, then the PO release number can be sent in the RFF+RE segment by itself or you may combine it with the PO number using a dash to separate the data in the RFF+ON segment.

Segment Example:

No Release Number example:

RFF+ON:MZ4321SD'

PO-Release Combined in one RFF segment example:

RFF+ON:B5512345678-5'

PO and Release number in 2 RFF segments example:

RFF+ON:B5512345678'

RFF+RE:5'



Segment Group 3

| | |
|-----------------------|--------------|
| Pos: 0140 | Max: 5 |
| Heading - Conditional | |
| Group: Group 3 | Elements: NA |

Segment Summary:

| <u>Pos</u> | <u>Tag</u> | <u>Segment Name</u> | <u>Status</u> | <u>Repetition</u> | <u>Notes</u> |
|------------|------------|---------------------|---------------|-------------------|--------------|
| 0150 | NAD | NAME AND ADDRESS | M | 1 | N |



NAD NAME AND ADDRESS

| | |
|---------------------|-------------|
| Pos: 0150 | Max: 1 |
| Heading - Mandatory | |
| Group: Group 3 | Elements: 2 |

To specify the name/address and their related function.

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> |
|------------|------------|--|---------------|-------------|----------------|
| NAD010 | 3035 | Party Qualifier | M | AN | 1/3 |
| | | <u>Code</u> <u>Name</u> | | | |
| | | BY Buyer – Bill To Address | | | |
| | | DP Delivery party – Ship To Code | | | |
| | | SE Seller – Supplier Code | | | |
| NAD020 | C082 | PARTY IDENTIFICATION DETAILS | C | Comp | |
| | 3039 | Party id. identification | M | AN | 1/35 |
| | | Sanmina-SCI code for the respective party – as received in the ORDERS message. | | | |
| | 1131 | Code list qualifier | N | AN | 1/3 |
| | 3055 | Code list responsible agency, coded | C | AN | 1/3 |
| | | <u>Code</u> <u>Name</u> | | | |
| | | 92 Assigned by buyer or buyer's agent | | | |

Comments:

The following URL is where you will find a complete list of ship-to/bill-to codes that may be used by Sanmina-SCI.
<http://sanmina-sci.com/partners/programs.html>
 Scroll to the bottom of the screen and look for PDF document [Ship to Address Codes](#).

Segment Example:

```
NAD+DP+35403::92'
NAD+BY++NASSC-PRINCIPAL CO::92'
NAD+SE+E55SUP::92'
```



Segment Group 8

| | |
|-----------------------|--------------|
| Pos: 0310 | Max: 5 |
| Heading - Conditional | |
| Group: Group 8 | Elements: NA |

Segment Summary:

| <u>Pos</u> | <u>Tag</u> | <u>Segment Name</u> | <u>Status</u> | <u>Repetition</u> | <u>Notes</u> |
|------------|------------|---------------------|---------------|-------------------|--------------|
| 0320 | CUX | CURRENCIES | M | 1 | N |



CUX CURRENCIES

| | |
|----------------------------|--------|
| Pos: 0320 | Max: 1 |
| Heading - Mandatory | |
| Group: Group 8 Elements: 1 | |

To specify currencies used in the transaction and relevant details for the rate of exchange.

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | | | | |
|-------------|--------------------|--|---------------|-------------|----------------|--------------------|--|--|--|
| CUX010 | C504 | CURRENCY DETAILS | C | Comp | | | | | |
| | 6347 | Currency details qualifier | M | AN | 1/3 | | | | |
| | | <table border="0"> <tr> <td><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>2</td> <td>Reference currency</td> </tr> </table> | <u>Code</u> | <u>Name</u> | 2 | Reference currency | | | |
| <u>Code</u> | <u>Name</u> | | | | | | | | |
| 2 | Reference currency | | | | | | | | |
| | 6345 | Currency, coded 3 character currency code, e.g. USD, GBP, EUR, etc. | C | AN | 1/3 | | | | |
| | 6343 | Currency qualifier | C | AN | 1/3 | | | | |
| | | <table border="0"> <tr> <td><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>9</td> <td>Order currency</td> </tr> </table> | <u>Code</u> | <u>Name</u> | 9 | Order currency | | | |
| <u>Code</u> | <u>Name</u> | | | | | | | | |
| 9 | Order currency | | | | | | | | |

Segment Example:

CUX+2:USD:9'



Segment Group 26

| | |
|----------------------|--------------|
| Pos: 0960 | Max: 20000 |
| Detail - Conditional | |
| Group: Group 26 | Elements: NA |

Segment Summary:

| <u>Pos</u> | <u>Tag</u> | <u>Segment Name</u> | <u>Status</u> | <u>Repetition</u> | <u>Notes</u> |
|------------|------------|-----------------------|---------------|-------------------|--------------|
| 0970 | LIN | LINE ITEM | M | 1 | N |
| 0980 | PIA | ADDITIONAL PRODC T ID | C | 25 | N |
| 1010 | QTY | QUANTITY | C | 1 | N |
| 1240 | | Segment Group 30 | C | 1 | N |
| 1300 | | Segment Group 31 | C | 1 | N |
| 1990 | | Segment Group 51 | C | 100 | N |



LIN LINE ITEM

| | |
|--------------------|-------------|
| Pos: 0970 | Max: 1 |
| Detail - Mandatory | |
| Group: Group 26 | Elements: 2 |

To identify a line item and configuration.

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> |
|------------|------------|--|---------------|-------------|----------------|
| LIN010 | 1082 | Line item number Incremental line count | C | AN | 1/6 |
| LIN020 | 1229 | Action request/notification, coded | C | AN | 1/3 |
| | | <u>Code</u> <u>Name</u> | | | |
| | | 2 Deleted | | | |
| | | 5 Accepted without amendment | | | |
| | | 6 Accepted with amendment | | | |
| | | 7 Not accepted | | | |
| LIN030 | C212 | ITEM NUMBER IDENTIFICATION | C | Comp | |
| | 7140 | Item number Sanmina-SCI's orderable part number | C | AN | 1/35 |
| | 7143 | Item number type, coded | C | AN | 1/3 |
| | | <u>Code</u> <u>Name</u> | | | |
| | | BP Buyer's part number | | | |
| | 1131 | Code list qualifier | N | AN | 1/3 |
| | 3055 | Code list responsible agency, coded | C | AN | 1/3 |
| | | <u>Code</u> <u>Name</u> | | | |
| | | 92 Assigned by buyer or buyer's agent | | | |

Segment Example:

LIN+1+5+BCN239874:BP::92'



PIA ADDITIONAL PRODUCT ID

| | |
|----------------------|-------------|
| Pos: 0980 | Max: 25 |
| Detail - Conditional | |
| Group: Group 26 | Elements: 2 |

To specify additional or substitutional item identification codes.

Sanmina-SCI uses this segment to summarize Supplier's Part Number information.

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> |
|------------|------------|-------------------------------------|---------------|--|----------------|
| PIA010 | 4347 | Product ID Function Qualifier | M | AN | 1/3 |
| | | <u>Code</u> 1 | | <u>Name</u> Additional Identification | |
| PIA010 | C212 | ITEM NUMBER IDENTIFICATION | M | Comp | 1/3 |
| | 7140 | Item number Seller's part number | C | AN | 1/35 |
| | 7143 | Item number type, coded | C | AN | 1/3 |
| | | <u>Code</u> VP | | <u>Name</u> Vendor's (Seller's) part number | |

Segment Example:

PIA+1+SDF4321KL:VP'



QTY QUANTITY

| | |
|----------------------|-------------|
| Pos: 1010 | Max: 1 |
| Detail - Conditional | |
| Group: Group 26 | Elements: 1 |

To specify a pertinent quantity.

Sanmina-SCI uses this segment to summarize the total ordered quantity (sum of all schedules) for the corresponding line item.

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | | | | |
|-------------|--------------------------|--|---------------|-------------|----------------|--------------------------|--|--|--|
| QTY010 | C186 | QUANTITY DETAILS | M | Comp | | | | | |
| | 6063 | Quantity qualifier | M | AN | 1/3 | | | | |
| | | <table border="0"> <tr> <td><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>113</td> <td>Quantity to be delivered</td> </tr> </table> | <u>Code</u> | <u>Name</u> | 113 | Quantity to be delivered | | | |
| <u>Code</u> | <u>Name</u> | | | | | | | | |
| 113 | Quantity to be delivered | | | | | | | | |
| | 6060 | Quantity Total line item quantity | M | N | 1/15 | | | | |
| | 6411 | Measure unit qualifier Unit of measure for the quantity in QTY010:6060 | C | AN | 1/3 | | | | |
| | | <table border="0"> <tr> <td><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>PCE</td> <td>Pieces</td> </tr> </table> | <u>Code</u> | <u>Name</u> | PCE | Pieces | | | |
| <u>Code</u> | <u>Name</u> | | | | | | | | |
| PCE | Pieces | | | | | | | | |

Segment Example:

QTY+113:6000:PCE'



Segment Group 30

| | |
|----------------------|--------------|
| Pos: 1240 | Max: 1 |
| Detail - Conditional | |
| Group: Group 30 | Elements: NA |

Segment Summary:

| <u>Pos</u> | <u>Tag</u> | <u>Segment Name</u> | <u>Status</u> | <u>Repetition</u> | <u>Notes</u> |
|------------|------------|---------------------|---------------|-------------------|--------------|
| 1250 | PRI | PRICE DETAILS | M | 1 | N |



PRI PRICE DETAILS

| | |
|--------------------|-------------|
| Pos: 1250 | Max: 1 |
| Detail - Mandatory | |
| Group: Group 30 | Elements: 1 |

To specify price information.

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> |
|------------|------------|---|---------------|-------------|----------------|
| PRI010 | C509 | PRICE INFORMATION | C | Comp | |
| | 5125 | Price qualifier | M | AN | 1/3 |
| | | <u>Code</u> <u>Name</u> | | | |
| | | AAA Calculation net | | | |
| | 5118 | Price | C | N | 1/15 |
| | | Unit price for the orderable part | | | |
| | 5375 | Price type, coded | C | AN | 1/3 |
| | | <u>Code</u> <u>Name</u> | | | |
| | | CT Contract | | | |
| | 5387 | Price type qualifier | N | | |
| | 5284 | Unit price basis | C | N | 1/9 |
| | | The number of units for which the stated price is applicable. | | | |
| | 6411 | Measure unit qualifier | C | AN | 1/3 |
| | | <u>Code</u> <u>Name</u> | | | |
| | | PCE Pieces | | | |

Segment Example:

PRI+AAA:0.014:CT::1:PCE'



Segment Group 31

| | |
|----------------------|--------------|
| Pos: 1300 | Max: 1 |
| Detail - Conditional | |
| Group: Group 31 | Elements: NA |

Segment Summary:

| <u>Pos</u> | <u>Tag</u> | <u>Segment Name</u> | <u>Status</u> | <u>Repetition</u> | <u>Notes</u> |
|------------|------------|---------------------|---------------|-------------------|--------------|
| 1310 | RFF | REFERENCE | M | 1 | N |



RFF REFERENCE

| | |
|--------------------|-------------|
| Pos: 1310 | Max: 1 |
| Detail - Mandatory | |
| Group: Group 31 | Elements: 1 |

To specify a reference.

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | | | | |
|-------------|----------------------------|--|---------------|-------------|----------------|----------------------------|--|--|--|
| RFF010 | C506 | REFERENCE | M | Comp | | | | | |
| | 1153 | Reference qualifier | M | AN | 1/3 | | | | |
| | | <table border="0"> <tr> <td style="padding-right: 20px;"><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>LI</td> <td>Line item reference number</td> </tr> </table> | <u>Code</u> | <u>Name</u> | LI | Line item reference number | | | |
| <u>Code</u> | <u>Name</u> | | | | | | | | |
| LI | Line item reference number | | | | | | | | |
| | 1154 | Reference number | N | | | | | | |
| | 1156 | Line number | C | AN | 1/6 | | | | |
| | | Sanmina-SCI's line item reference number from RFF+LI segment field 1156 of the ORDER transaction. | | | | | | | |

Segment Example:

RFF+LI::1'



Segment Group 51

| | |
|----------------------|--------------|
| Pos: 1990 | Max: 100 |
| Detail - Conditional | |
| Group: Group 51 | Elements: NA |

Segment Summary:

| <u>Pos</u> | <u>Tag</u> | <u>Segment Name</u> | <u>Status</u> | <u>Repetition</u> | <u>Notes</u> |
|------------|------------|-----------------------|---------------|-------------------|--------------|
| 2000 | SCC | SCHEDULING CONDITIONS | M | 1 | N |
| 2030 | | Segment Group 52 | C | 10 | N |



SCC SCHEDULING CONDITIONS

| | |
|--------------------|-------------|
| Pos: 2000 | Max: 1 |
| Detail - Mandatory | |
| Group: Group 51 | Elements: 1 |

To specify scheduling conditions.

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> |
|------------|------------|---------------------------------------|---------------|-------------|----------------|
| SCC010 | 4017 | DELIVERY PLAN STATUS INDICATOR, CODED | M | AN | 1/3 |

| <u>Code</u> | <u>Name</u> |
|-------------|-------------|
| 1 | Firm |

Segment Example:

SCC+I'



Segment Group 52

| | |
|----------------------|--------------|
| Pos: 2030 | Max: 10 |
| Detail - Conditional | |
| Group: Group 52 | Elements: NA |

Segment Summary:

| Pos | Tag | Segment Name | Status | Repetition | Notes |
|------|-----|------------------|--------|------------|-------|
| 2040 | QTY | QUANTITY | M | 1 | N |
| 2050 | DTM | DATE/TIME/PERIOD | C | 1 | N |

Comments:

When processing this group use the following codes together:
 If QTY01 qualifier is 21 then DTM01 qualifier should be 2.
 If QTY01 qualifier is 113 then DTM01 qualifier should be 67.
[All codes in this group are mandatory for Sanmina-SCI.](#)

Group Example:

QTY+21:3000'
DTM+2:20110326:102'
QTY+113:3000'
DTM+67:20110326:102'



QTY QUANTITY

| | |
|--------------------|-------------|
| Pos: 2040 | Max: 1 |
| Detail - Mandatory | |
| Group: Group 52 | Elements: 1 |

To specify a pertinent quantity.

Sanmina-SCI uses this segment for the supplier to provide both requested quantity and promised quantity for the order schedule.

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | | | | | | |
|-------------|--------------------------|---|---------------|-------------|----------------|------------------|-----|--------------------------|--|--|--|
| QTY010 | C186 | QUANTITY DETAILS | M | Comp | | | | | | | |
| | 6063 | Quantity qualifier | M | AN | 1/3 | | | | | | |
| | | <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>21</td> <td>Ordered Quantity</td> </tr> <tr> <td>113</td> <td>Quantity to be delivered</td> </tr> </tbody> </table> | <u>Code</u> | <u>Name</u> | 21 | Ordered Quantity | 113 | Quantity to be delivered | | | |
| <u>Code</u> | <u>Name</u> | | | | | | | | | | |
| 21 | Ordered Quantity | | | | | | | | | | |
| 113 | Quantity to be delivered | | | | | | | | | | |
| | 6060 | Quantity Number of parts to be delivered | M | N | 1/15 | | | | | | |

Comments:

All codes in Tag 6063 are mandatory for Sanmina-SCI.

Segment Example:

QTY+21:3000'
QTY+113:3000'



DTM DATE/TIME/PERIOD

| | |
|----------------------|-------------|
| Pos: 2050 | Max: 1 |
| Detail - Conditional | |
| Group: Group 52 | Elements: 1 |

To specify date, and/or time, or period.

Sanmina-SCI uses this segment for the supplier to provide both request date and promised date for the order schedule.

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | | | | | | |
|-------------|--------------------------------------|--|---------------|-------------|----------------|-------------------------------|----|--------------------------------------|--|--|--|
| DTM010 | C507 | DATE/TIME/PERIOD | M | Comp | | | | | | | |
| | 2005 | Date/time/period qualifier | M | AN | 1/3 | | | | | | |
| | | <table border="0"> <tr> <td><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>2</td> <td>Delivery date/time, requested</td> </tr> <tr> <td>67</td> <td>Delivery date/time, current schedule</td> </tr> </table> | <u>Code</u> | <u>Name</u> | 2 | Delivery date/time, requested | 67 | Delivery date/time, current schedule | | | |
| <u>Code</u> | <u>Name</u> | | | | | | | | | | |
| 2 | Delivery date/time, requested | | | | | | | | | | |
| 67 | Delivery date/time, current schedule | | | | | | | | | | |
| | 2380 | Date/time/period When DTM code is '2' this field is Sanmina-SCI requested delivery date. When DTM code is '67' this field is the Supplier's scheduled delivery date. | C | AN | 1/35 | | | | | | |
| | 2379 | Date/time/period format qualifier | C | AN | 1/3 | | | | | | |
| | | <table border="0"> <tr> <td><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>102</td> <td>CCYYMMDD</td> </tr> </table> | <u>Code</u> | <u>Name</u> | 102 | CCYYMMDD | | | | | |
| <u>Code</u> | <u>Name</u> | | | | | | | | | | |
| 102 | CCYYMMDD | | | | | | | | | | |

Comments:

All codes in Tag 2005 are mandatory for Sanmina-SCI.

Segment Example:

```
DTM+2:20110326:102'
DTM+67:20110326:102'
```



UNS SECTION CONTROL

| | |
|--------------------|-------------|
| Pos: 2160 | Max: 1 |
| Detail - Mandatory | |
| Group: N/A | Elements: 1 |

To separate header, detail, and summary sections of a message.

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> |
|------------|------------|------------------------|---------------|-------------|----------------|
| UNS010 | 0081 | SECTION IDENTIFICATION | M | A | 1/1 |

| <u>Code</u> | <u>Name</u> |
|-------------|-----------------------------------|
| S | Detail/summary section separation |

Segment Example:

UNS+S'



UNT MESSAGE TRAILER

| | |
|--------------------|-------------|
| Pos: 2230 | Max: 1 |
| Detail - Mandatory | |
| Group: N/A | Elements: 2 |

To end and check the completeness of a message.

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> |
|------------|------------|--|---------------|-------------|----------------|
| UNT010 | 0074 | NUMBER OF SEGMENTS IN A MESSAGE Count of the number of segments in the message (including UNH through UNT segments) | M | N | 1/6 |
| UNT020 | 0062 | MESSAGE REFERENCE NUMBER Must match the UNH control number. | M | AN | 1/14 |

Segment Example:

UNT+20+1'



UNZ INTERCHANGE TRAILER

| | |
|-------------|-------------|
| Pos: 3000 | Max: 1 |
| - Mandatory | |
| Group: N/A | Elements: 2 |

To end and check the completeness of an interchange.

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> |
|------------|------------|---|---------------|-------------|----------------|
| UNZ010 | 0036 | INTERCHANGE CONTROL COUNT This is the number of messages (i.e. UNH segments) in the current envelope. | M | N | 1/6 |
| UNZ020 | 0020 | INTERCHANGE CONTROL REFERENCE Must match the ICN from the UNB segment at the start of the envelope. | M | AN | 1/14 |

Segment Example:

UNZ+1+1'



Example ORDRSP Data File:

```
UNB+UNOA:1+SupplierID:SupplierQualifier:SupplierRouting Address+SANMINACORP:01+100712:0935+1+
+ORDRSP'
UNH+1+ORDRSP:D:97A:UN:EDOR04'
BGM+231+M2L002924+9'
DTM+137:20110317:102'
RFF+ON:MZ4321SD'
RFF+RE:5'
NAD+DP+34503::92'
NAD+SE+E55SUP::92'
NAD+BY++NASSC-PRINCIPAL CO::92'
CUX+2:USD:9'
LIN+1+5+BCN239874:BP::92'
PIA+1+SDF4321KL:VP'
QTY+113:6000:PCE'
PRI+AAA:0.014:CT::1:PCE'
RFF+LI::1'
SCC+1'
QTY+21:3000'
DTM+2:20110326:102'
QTY+113:3000'
DTM+67:20110326:102'
UNS+S'
UNT+20+1'
UNZ+1+1'
```