



SANMINA CORPORATION

EDI OUTBOUND ORDERS MESSAGE

VERSION: EDIFICE D97A

Author:	Sanmina Information Technology & Services
Trading Partner:	All EDI Suppliers
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DOCUMENT REVISION

Revision No.	Date	Person(s) Responsible	Comments
1	09-Aug-02	Iain Wyper	Original document
2	14-Aug-02	Iain Wyper	NAD values for Gunzenhausen added to Appendix A
3	24-Sep-02	Iain Wyper	NAD values for Israel added to Appendix A
4	06-Mar-13	Tammy Fleet	Updated the Sanmina name and logo, also added the link for where the suppliers can find the address codes.
5	31-May-13	Ellen Mattox	Updated Sample name and added on IMD in Segment Group 25
6	13-May-20	DSmythe/K.Mustak Ahamed	Updated Logos – minor Corrections

ORDERS **Purchase order message**

A message specifying details for goods or services ordered under conditions agreed between the Seller and the Buyer.

Segments:

Pos	Tag	Segment Name	Status	Repetition	Notes	Usage
	UNB	INTERCHANGE HEADER	M	1	YES	Used

Heading:

Pos	Tag	Segment Name	Status	Repetition	Notes	Usage
0010	UNH	MESSAGE HEADER	M	1	YES	Must use
0020	BGM	BEGINNING OF MESSAGE	M	1	YES	Must use
0030	DTM	DATE/TIME/PERIOD	M	1		Must use
0080		<u>Segment Group 1</u>	C	1		
0090	RFF	REFERENCE	M	1	YES	Used
0110		<u>Segment Group 2</u>	C	2		
0120	NAD	NAME AND ADDRESS	M	1	YES	Must use
0210		<u>Segment Group 5</u>	C	1		
0220	CTA	CONTACT INFORMATION	M	1		Must use
0230	COM	COMMUNICATION CONTRACT	M	1		Must use
0280		<u>Segment Group 7</u>	C	5		
0290	CUX	CURRENCIES	M	1		Must use

Detail:

Pos	Tag	Segment Name	Status	Repetition	Notes	Usage
1010		<u>Segment Group 25</u>	C	200000		
1020	LIN	LINE ITEM	M	1	YES	Must use
1030	PIA	ADDITIONAL PRODUCT ID	C	25		Used
1040	IMD	ITEM DESCRIPTION	C	1	YES	Used
1060	QTY	QUANTITY	C	99	YES	Used
1080	FTX	FREE TEXT	C	1		Used
1280		<u>Segment Group 27</u>	C	1		
1290	PRI	PRICE DETAILS	M	1	YES	Must use
1340		<u>Segment Group 28</u>	C	1		
1350	RFF	REFERENCE	M	1		Must use
2030		<u>Segment Group 48</u>	C	100		
2040	SCC	SCHEDULING CONDITIONS	M	1		Must use
2070		<u>Segment Group 49</u>	C	10		
2080	QTY	QUANTITY	M	1		Must use
2090	DTM	DATE/TIME/PERIOD	C	1	YES	Used
2260	UNS	SECTION CONTROL	M	1		Must use
2330	UNT	MESSAGE TRAILER	M	1		Must use

Segments:

Pos	Tag	Segment Name	Status	Repetition	Notes	Usage
	UNZ	INTERCHANGE TRAILER	M	1		Used

UNB	INTERCHANGE HEADER	Pos:	Max: 1
		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				
		<table border="0"> <tr> <td><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>UNOA</td> <td>UN/ECE level A</td> </tr> </table>	<u>Code</u>	<u>Name</u>	UNOA	UN/ECE level A			
<u>Code</u>	<u>Name</u>								
UNOA	UN/ECE level A								
	0002	Syntax version number	M	N	1/1				
		<table border="0"> <tr> <td><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>1</td> <td>Version 1</td> </tr> </table>	<u>Code</u>	<u>Name</u>	1	Version 1			
<u>Code</u>	<u>Name</u>								
1	Version 1								
UNB020	S002	INTERCHANGE SENDER	M	Comp					
	0004	Sender identification		AN	1/35				
		<i>Sanmina's mailbox details are:</i> Production:- SANMINACORP Test:- SANMINACORT							
	0007	Partner identification code qualifier	C	AN	1/4				
		<i>Sanmina's qualifier details are:</i> Production:- 01 Test:- ZZ							
UNB030	S003	INTERCHANGE RECIPIENT	M	Comp					
	0010	Recipient identification	M	AN	1/35				
		Supplier's UNB receiver ID							
	0007	Partner identification code qualifier	C	AN	1/4				
		Supplier's UNB receiver ID qualifier							
	0014	Routing Address	C	AN	1/14				
		Routing address of supplier – if applicable							
UNB040	S004	DATE/TIME OF PREPARATION	M	Comp					
	0017	Date of preparation	M	N	6/6				
		Date when the EDI translator generated the ORDERS message. Date format = yymmdd Date is always in Central Time (CDT).							
	0019	Time of preparation	M	N	4/4				
		Time when the EDI translator generated the ORDERS message. Time format = hhnn Time is always in Central Time (CDT).							
UNB050	0020	INTERCHANGE CONTROL REFERENCE	M	AN	1/14				
		<i>Sanmina sequentially generated UNB control number.</i>							
UNB070	0026	APPLICATION REFERENCE	C	AN	1/14				
UNB110	0035	TEST INDICATOR	C	N	1				
		Indication that the interchange is a test. Set to 1 if the interchange is a test. Otherwise not used.							

Segment Example:

```
UNB+UNOA:1+SANMINACORP:01+SupplierID:SupplierQualifier:SupplierRouting
Address+190712:0935+1++ORDERS'
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UNH	MESSAGE HEADER	Pos: 0010 Max: 1 Heading - Mandatory Group: N/A Elements: 2
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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 <i>Sanmina sequentially generated message control number. Must match the UNT020 control number.</i>	M	AN	1/14
UNH020	S009	MESSAGE IDENTIFIER	M	Comp	
	0065	Message type identifier <u>Code</u> <u>Name</u> ORDERS Purchase order message	M	AN	1/6
	0052	Message type version number <u>Code</u> <u>Name</u> D Draft	M	AN	1/3
	0054	Message type release number <u>Code</u> <u>Name</u> 97A Release 97A	M	AN	1/3
	0051	Controlling agency <u>Code</u> <u>Name</u> UN UN/ECE/TRADE/WP.4, United Nations Standard Messages (UNSM)	M	AN	1/2
	0057	Association assigned code <u>Code</u> <u>Name</u> EDPO04 Traditional Purchase Order	C	AN	1/6

Segment Example:

UNH+1+ORDERS:D:97A:UN:EDPO04'

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 <u>Code</u> <u>Name</u> 220 Order	C	AN	1/3
BGM020	C106	DOCUMENT/MESSAGE IDENTIFICATION	C	Comp	
	1004	Document/message number <i>Sanmina's Purchase Order number</i>	C	AN	1/35
BGM030	1225	MESSAGE FUNCTION, CODED <u>Code</u> <u>Name</u> 9 Original	C	AN	1/3

Segment Example:

BGM+220+ME60M1038888+9'

DTM	DATE/TIME/PERIOD	Pos: 0030	Max: 1
		Heading - Mandatory	Elements: 1
		Group: N/A	

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

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 <u>Code</u> <u>Name</u> 137 Document/message date/time	M	AN	1/3
	2380	Date/time/period Purchase Order Date	C	AN	1/35
	2379	Date/time/period format qualifier Format of the DTM010:2380 date <u>Code</u> <u>Name</u> 102 CCYYMMDD	C	AN	1/3

Segment Example:

DTM+137:20190317:102'

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
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To specify a reference.

Sanmina no longer uses this segment to share customer codes but we have left it in these guidelines to ensure backwards compatibility. Sanmina will always send code 9999 in this field.

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 <u>Code</u> <u>Name</u> CT Contract	M	AN	1/3
	1154	Reference number <i>Sanmina's reference code for the end-customer</i>	C	AN	1/35

Segment Example:

RFF+CT:9999'

Segment Group 2

Pos: 0110 Max: 2
Heading - Conditional
Group: Group 2 Elements: NA

Segment Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>		<u>Repetition</u>	<u>Notes</u>
0120	NAD	NAME AND ADDRESS	M		1	N
0210		Segment Group 5	C		1	N

NAD	NAME AND ADDRESS	Pos: 0120	Max: 1
		Heading - Mandatory	
		Group: Group 2	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 <u>Code</u> <u>Name</u> BY Buyer DP Delivery party SE Seller	M	AN	1/3
NAD020	C082	PARTY IDENTIFICATION DETAILS	C	Comp	
	3039	Party id. identification <i>Please see note below regarding a list of bill-to and ship-to codes.</i>	M	AN	1/35
	1131	Code list qualifier	N	AN	1/3
	3055	Code list responsible agency, coded <u>Code</u> <u>Name</u> 92 Assigned by Buyer or Buyer's agent	C	AN	1/3

Notes:

Please use the following URL to find a complete list of ship to codes that may be used by Sanmina:

<https://www.sanmina.com/partners/partner-programs/>

Scroll and look for PDF document "Ship to Address Codes".

Segment Example:

```
NAD+BY+NASSC-PRINCIPAL CO::92+Sanmina Corporation+NASSC-Principal Co+Global
Finance Center+Huntsville++35807+US'
NAD+SE+108445:::92'
NAD+DP+34510:::92'
```

Segment Group 5

Pos: 0210 Max: 5
Heading - Conditional
Group: Group 5 Elements: NA

Segment Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>		<u>Repetition</u>	<u>Notes</u>
0220	CTA	CONTACT INFORMATION	M		1	N
0230	COM	COMMUNICATION CONTACT	M		1	N

CTA	CONTACT INFORMATION	Pos: 0220 Max: 1 Heading - Mandatory Group: Group 5 Elements: 2
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To identify a person or a department to whom communication should be directed.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>									
CTA010	3139	Contact function, coded <table style="margin-left: 40px; border: none;"> <tr> <td style="padding-right: 20px;"><u>Code</u></td> <td style="padding-right: 20px;"><u>Name</u></td> <td><u>Used</u></td> </tr> <tr> <td>PD</td> <td>Purchasing contact</td> <td>NAD+BY</td> </tr> <tr> <td>SU</td> <td>Supplier contact</td> <td>NAD+SE</td> </tr> </table>	<u>Code</u>	<u>Name</u>	<u>Used</u>	PD	Purchasing contact	NAD+BY	SU	Supplier contact	NAD+SE	C	AN	1/3
<u>Code</u>	<u>Name</u>	<u>Used</u>												
PD	Purchasing contact	NAD+BY												
SU	Supplier contact	NAD+SE												
CTA020	C056	DEPARTMENT OR EMPLOYEE DETAILS	C	Comp										
	3413	Department or employee identification	N	AN	1/17									
	3412	Department or employee Name of the Employee	C	AN	1/35									

Segment Example:

CTA+PD+:Wyper, Iain'
CTA+SU+:Ahamed,Mustak'

COM	COMMUNICATION CONTACT	Pos: 0230	Max: 1
		Heading - Mandatory	
		Group: Group 5 Elements: 2	

Identify communication types and numbers for person, function, department identified in COM.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>
COM010	C076	COMMUNICATION CONTACT Communication number of a department or employee in a specified channel.	M	Comp	
	3148	Communication Method The communication method	M	AN	1/512
	3155	Communication channel qualifier Code identifying the type of communication channel being used. <u>Code</u> <u>Name</u> TE Telephone	M	AN	1/3

Segment Example:

COM+?+3634515600:TE'

Segment Group 7

Pos: 0280 Max: 5
Heading - Conditional
Group: Group 7 Elements: NA

Segment Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>		<u>Repetition</u>	<u>Notes</u>
0290	CUX	CURRENCIES	M		1	N

CUX	CURRENCIES	Pos: 0290 Max: 1 Heading - Mandatory Group: Group 7 Elements: 1
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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 <u>Code</u> <u>Name</u> 2 Reference currency	M	AN	1/3
	6345	Currency, coded 3 character currency code, e.g. USD, GBP, EUR, etc.....	C	AN	1/3
	6343	Currency qualifier <u>Code</u> <u>Name</u> 9 Order currency	C	AN	1/3

Segment Example:

CUX+2:USD:9'

Segment Group 25

Pos: 1010 Max: 20000
Detail - Conditional
Group: Group 25 Elements: NA

Segment Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>		<u>Repetition</u>	<u>Notes</u>
1020	LIN	LINE ITEM	M		1	N
1030	PIA	ADDITIONAL PRODUCT ID	C		25	N
1040	IMD	ITEM DESCRIPTION	C		1	N
1060	QTY	QUANTITY	C		99	N
1280		Segment Group 27	C		25	N
1340		Segment Group 28	C		9999	N
2030		Segment Group 48	C		100	N

LIN	LINE ITEM	Pos: 1020	Max: 1
		Detail - Mandatory	
		Group: Group 25	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 Number given to the line with in the message. This is an incremental count within a message and is generally not the unique line reference number – see RFF+LI.	C	AN	1/6				
LIN030	C212	ITEM NUMBER IDENTIFICATION	C	Comp					
	7140	Item number <i>Sanmina's orderable part number</i>	C	AN	1/35				
	7143	Item number type, coded <table border="0"> <tr> <td><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>BP</td> <td>Buyer's part number</td> </tr> </table>	<u>Code</u>	<u>Name</u>	BP	Buyer's part number	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 <table border="0"> <tr> <td><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>92</td> <td>Assigned by Buyer or Buyer's agent</td> </tr> </table>	<u>Code</u>	<u>Name</u>	92	Assigned by Buyer or Buyer's agent	C	AN	1/3
<u>Code</u>	<u>Name</u>								
92	Assigned by Buyer or Buyer's agent								

Segment Example:

LIN+1++IADCVDS02/BD914:BP::92'

PIA	ADDITIONAL PRODUCT ID	Pos: 1030	Max: 25
		Detail - Conditional	
		Group: Group 25	Elements: 2

To specify additional or substitutional item identification codes.

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 <u>Code</u> <u>Name</u> 1 Additional identification	M	AN	1/3
PIA020	C212	ITEM NUMBER IDENTIFICATION	M	Comp	
	7140	Item number Supplier's part number	C	AN	1/35
	7143	Item number type, coded <u>Code</u> <u>Name</u> VP Vendor's (Seller's) part number	C	AN	1/3
	1131	Code list qualifier	N	AN	1/3
	3055	Code list responsible agency, coded <u>Code</u> <u>Name</u> 91 Assigned by Seller or Seller's agent	C	AN	1/3

Segment Example:

PIA+1+MMBD914LT1:VP::91'

IMD	ITEM DESCRIPTION	Pos: 1040	Max: 1
		Detail - Conditional	Elements: 3
		Group: Group 25	

To provide a textual description of the orderable part.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>
IMD010	7077	Item description type, coded <u>Code</u> <u>Name</u> F Free-form	M	AN	1/3
IMD020	7081	Item characteristic, coded <u>Code</u> <u>Name</u> 3 Ship to stock	C	AN	1/3
IMD030	C273	ITEM DESCRIPTION	C	Comp	
	7009	Item description identification	N	AN	1/17
	1131	Code list qualifier	N	AN	1/3
	3055	Code list responsible agency, coded	N	AN	1/3
	7008	Item description <i>Sanmina's narrative description of the part</i>	C	AN	1/35

Segment Example:

IMD+F+3+:::PART DESCRIPTION'

QTY	QUANTITY	Pos: 1060	Max: 99
		Detail - Conditional	
		Group: Group 25	Elements: 1

To specify a pertinent quantity.

Sanmina uses this segment to summarize the total ordered quantity 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 <u>Code</u> <u>Name</u> 3 Cumulative Quantity	M	AN	1/3
	6060	Quantity Total line item quantity	M	N	1/15
	6411	Measure unit qualifier Unit of measure for the quantity in QTY010:6060 <u>Code</u> <u>Name</u> PCE Pieces	C	AN	1/3

Segment Example:

QTY+3:6000:PCE'

FTX	FREE TEXT	Pos: 1080	Max: 99
		Detail - Conditional	Group: Group 25
		Elements: 2	

Free Text to provide additional information about terms of sale.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>
FTX010	4451	Text Subject Qualifier <u>Code</u> <u>Name</u> GEN Entire Transaction Set	M	AN	1/3
FTX020	4453	Text Function Coded <u>Code</u> <u>Name</u> 3 Text For Immediate Use	C	AN	1/3
FTX030	C108	Text Reference	C	Comp	
	4440	Free Text	M	AN	1/70

Segment Example:

FTX+GEN+3++SANM=;Vendor=

Segment Group 27

Pos: 1280 Max: 1
Detail - Conditional
Group: Group 27 Elements: NA

Segment Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>		<u>Repetition</u>	<u>Notes</u>
1290	PRI	PRICE DETAILS	M		1	N

PRI	PRICE DETAILS	Pos: 1290	Max: 1
		Detail - Mandatory	
		Group: Group 27	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 <u>Code</u> <u>Name</u> AAA Calculation net	M	AN	1/3
	5118	Price <i>Sanmina's stored unit price for the orderable part</i>	C	N	1/15
	5375	Price type, coded <u>Code</u> <u>Name</u> CT Contract	C	AN	1/3
	5387	Price type qualifier	N		
	5284	Unit price basis The number of units for which the stated price is applicable.	C	N	1/9
	6441	Measure unit qualifier <u>Code</u> <u>Name</u> PCE Piece	C	AN	1/3

Segment Example:

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

Segment Group 28

Pos: 1340 Max: 1
Detail - Conditional
Group: Group 28 Elements: NA

Segment Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>		<u>Repetition</u>	<u>Notes</u>
1350	RFF	REFERENCE	M		1	N

RFF	REFERENCE	Pos: 1350 Max: 1 Detail - Mandatory Group: Group 28 Elements: 1
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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 <u>Code</u> <u>Name</u> LI Line item reference number	M	AN	1/3
	1154	Reference number	N		
	1156	Line number Line item reference number	C	AN	1/6

Segment Example:

RFF+LI : : 1 '

Segment Group 48

Pos: 2030 Max: 100
Detail - Conditional
Group: Group 48 Elements: NA

Segment Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>		<u>Repetition</u>	<u>Notes</u>
2040	SCC	SCHEDULING CONDITIONS	M		1	N
2070		Segment Group 49	C		10	N

SCC	SCHEDULING CONDITIONS	Pos: 2040	Max: 1
		Detail - Mandatory	
		Group: Group 48	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> 1 <u>Name</u> Firm			

Segment Example:

SCC+1'

Segment Group 49

Pos: 2070 Max: 10
Detail - Conditional
Group: Group 49 Elements: NA

Segment Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>		<u>Repetition</u>	<u>Notes</u>
2080	QTY	QUANTITY	M		1	N
2090	DTM	DATE/TIME/PERIOD	C		1	N

QTY	QUANTITY	Pos: 2080	Max: 1
		Detail - Mandatory	
		Group: Group 49	Elements: 1

To specify a pertinent quantity.

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 <u>Code</u> 21 <u>Name</u> Ordered quantity	M	AN	1/3
	6060	Quantity Number of ordered parts	M	N	1/15

Segment Example:

QTY+21:3000'

DTM	DATE/TIME/PERIOD	Pos: 2090	Max: 1
		Detail - Conditional	Elements: 1
		Group: Group 49	

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

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 <u>Code</u> <u>Name</u> 2 Delivery date/time, requested	M	AN	1/3
	2380	Date/time/period <i>Sanmina requested delivery date</i>	C	AN	1/35
	2379	Date/time/period format qualifier <u>Code</u> <u>Name</u> 102 CCYYMMDD	C	AN	1/3

Segment Example:

DTM+2:20191026:102'

UNS	SECTION CONTROL	Pos: 2260	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> S			
		<u>Name</u> Detail/summary section separation			

Segment Example:

UNS+S'

UNT	MESSAGE TRAILER	Pos: 2330 Detail - Mandatory Group: N/A	Max: 1 Elements: 2
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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 Generated automatically, this is the 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+22+3687'

UNZ	INTERCHANGE TRAILER	Pos:	Max: 1
		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+482'

Example ORDER Data File:

UNB+UNOA:1+SANMINACORP:01+SupplierID:SupplierQualifier:SupplierRouting
Address+190712:0935+1++ORDERS'
UNH+1+ORDERS:D:97A:UN:EDPO04'
BGM+220+ME60M1038888+9'
DTM+137:20190317:102 '
RFF+CT:9999 '
NAD+BY+NASSC-PRINCIPAL CO::92+Sanmina Corporation+NASSC-Principal Co+Global
Finance Center+Huntsville++35807+US '
COM+?+3634515600:TE '
NAD+SE+108445::92 '
NAD+DP+34510::92 '
CTA+PD+:Wyper, Iain '
CTA+SU+:Ahamed, Mustak '
CUX+2:USD:9 '
LIN+1++IADCVDS02/BD914:BP::92 '
PIA+1+MMBD914LT1:VP::91 '
IMD+F+3+:::PART DESCRIPTION '
QTY+3:6000:PCE '
FTX+GEN+3++SANM=;Vendor= '
PRI+AAA:0.014:CT::1:PCE '
RFF+LI:::1 '
SCC+1 '
QTY+21:3000 '
DTM+2:20191026:102 '
UNS+S '
UNT+22+3687 '
UNZ+1+482 '