



SANMINA

# SANMINA

**EDI INBOUND DESADV MESSAGE**

**VERSION: D97A**

<b>Author:</b>	<b>SANMINA EDI Group</b>
<b>Trading Partner:</b>	<b>All EDI Suppliers</b>
<b>Modified:</b>	<b>Sept 8, 2016</b>



## DOCUMENT REVISION

<b>Revision No.</b>	<b>Date</b>	<b>Person(s) Responsible</b>	<b>Comments</b>
0	7/6/16	Ellen Mattox	Original document
1	8/11/16	Ellen Mattox	Updated Unit of Measure
2	9/08/16	Ellen Mattox	Removed "EC" from PIA



# DESADV

## Despatch advice message

A message specifying details for goods despatched or ready for despatch under agreed conditions.

### Segments:

Pos	Tag	Segment Name	EDIFACT Required	Repetition	Notes	Sanmina Required
	UNB	INTERCHANGE HEADER	M	1		Must use

### Heading:

Pos	Tag	Segment Name	EDIFACT Required	Repetition	Notes	Sanmina Required
0010	UNH	MESSAGE HEADER	M	1		Must use
0020	BGM	BEGINNING OF MESSAGE	M	1		Must use
0030	DTM	DATE/TIME/PERIOD	O	10		Must use
0050	MEA	MEASUREMENT	O	5		
0070		<u>Segment Group 1</u>	O	10		Must use
0080	RFF	REFERENCE	O	1		Must use
0100		<u>Segment Group 2</u>	O	10		Must use
0110	NAD	NAME AND ADDRESS	M	1		Must use
0230		<u>Segment Group 6</u>	O	10		Must use
0240	TDT	DETAILS OF TRANSPORT	M	1		Must use

### Detail:

Pos	Tag	Segment Name	EDIFACT Required	Repetition	Notes	Sanmina Required
0370		<u>Segment Group 10</u>	O	9999		Must use
0380	CPS	CONSIGNMENT PACKING SEQUENCE	M	1		Must use
0550		<u>Segment Group 15</u>	O	9999		Must use
0560	LIN	LINE ITEM	M	1		Must use
0570	PIA	ADDITIONAL PRODUCT ID	O	10		Must use
0600	QTY	QUANTITY	O	10		Must use
0690	FTX	FREE TEXT	O	99		
0710		<u>Segment Group 16</u>	O	10		Must use
0720	RFF	REFERENCE	M	1		Must use
0730	NAD	NAME AND ADDRESS	O	1		Must use

### Summary:

Pos	Tag	Segment Name	EDIFACT Required	Repetition	Notes	Sanmina Required
1030	CNT	CONTROL TOTAL	O	5		Must use
1040	UNT	MESSAGE TRAILER	M	1		Must use

### Segments:

Pos	Tag	Segment Name	EDIFACT Required	Repetition	Notes	Sanmina Required
	UNZ	INTERCHANGE TRAILER	M	1		Must use



<b>UNB</b>	<b>INTERCHANGE HEADER</b>	<b>Pos:</b>	<b>Max: 1</b>
		<b>Group: N/A</b>	<b>Elements: 7</b>

To start, identify and specify an interchange.

#### Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Sanmina Required</u>	<u>Type</u>	<u>Min/Max</u>
UNB010	S001	SYNTAX IDENTIFIER	M	Comp	
	0001	Syntax identifier	M	A	4/4
		<u>Code</u> <u>Name</u> UNOA      UN/ECE level A			
	0002	Syntax version number	M	N	1/1
		<u>Code</u> <u>Name</u> 1      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	O	AN	1/4
	008	Routing Address Routing address of Supplier – if applicable	O	AN	1/14
UNB030	S003	INTERCHANGE RECIPIENT	M	Comp	
	0010	Recipient identification <i>Sanmina's mailbox details are:</i> <i>Production:- SANMINACORP</i> <i>Test:- SANMINACORT</i>	M	AN	1/35
	0007	Partner identification code qualifier <i>Sanmina's qualifier details are:</i> <i>Production:- 01</i> <i>Test:- ZZ</i>	O	AN	1/4
UNB040	S004	DATE/TIME OF PREPARATION	M	Comp	
	0017	Date of preparation Date when the EDI translator generated the DESADV message. Date format = yymmdd Date is always in Pacific Time (PT).	M	N	6/6
	0019	Time of preparation Time when the EDI translator generated the DESADV message. Time format = hhmm Time is always in Pacific Time (PT).	M	N	4/4
UNB050	0020	INTERCHANGE CONTROL REFERENCE Sequentially generated UNB control number.	M	AN	1/14
UNB070	0026	APPLICATION REFERENCE	O	AN	1/14
UNB110	0035	TEST INDICATOR Indication that the interchange is a test. Set to 1 if the interchange is a test. Otherwise not used.	O	N	1

#### Segment Example:

UNB+UNOA:1+SupplierID:SupplierQualifier:SupplierRouting Address+SANMINACORP:01+020712:0935+1+DESADV'

**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>Sanmina Required</u>	<u>Type</u>	<u>Min/Max</u>				
UNH010	0062	<b>MESSAGE REFERENCE NUMBER</b> Sequentially generated message control number. Must match the UNT020 control number.	M	AN	1/14				
UNH020	S009	<b>MESSAGE IDENTIFIER</b>	M	Comp					
	0065	<b>Message type identifier</b>  <table border="0"> <tr> <td><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>DESADV</td> <td>Despatch advice message</td> </tr> </table>	<u>Code</u>	<u>Name</u>	DESADV	Despatch advice message	M	AN	1/6
<u>Code</u>	<u>Name</u>								
DESADV	Despatch advice message								
	0052	<b>Message type version number</b>  <table border="0"> <tr> <td><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>D</td> <td>Draft</td> </tr> </table>	<u>Code</u>	<u>Name</u>	D	Draft	M	AN	1/3
<u>Code</u>	<u>Name</u>								
D	Draft								
	0054	<b>Message type release number</b>  <table border="0"> <tr> <td><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>97A</td> <td>Release 97A</td> </tr> </table>	<u>Code</u>	<u>Name</u>	97A	Release 97A	M	AN	1/3
<u>Code</u>	<u>Name</u>								
97A	Release 97A								
	0051	<b>Controlling agency</b>  <table border="0"> <tr> <td><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>UN</td> <td>UN/ECE/TRADE/WP.4, United Nations Standard Messages (UNSM)</td> </tr> </table>	<u>Code</u>	<u>Name</u>	UN	UN/ECE/TRADE/WP.4, United Nations Standard Messages (UNSM)	M	AN	1/2
<u>Code</u>	<u>Name</u>								
UN	UN/ECE/TRADE/WP.4, United Nations Standard Messages (UNSM)								

**Segment Example:**

*UNH+I+DESADV:D:97A:UN'*



<b>BGM</b>	<b>BEGINNING OF MESSAGE</b>	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>Sanmina Required</u>	<u>Type</u>	<u>Min/Max</u>				
<b>BGM010</b>	<b>C002</b>	<b>DOCUMENT/MESSAGE NAME</b>	<b>M</b>	<b>Comp</b>					
	<b>1001</b>	<b>Document/message name, coded</b>	<b>M</b>	<b>AN</b>	<b>0/3</b>				
		<table border="0"> <tr> <td style="text-align: center;"><u>Code</u></td> <td style="text-align: center;"><u>Name</u></td> </tr> <tr> <td style="text-align: center;">351</td> <td style="text-align: center;">Despatch advice</td> </tr> </table>	<u>Code</u>	<u>Name</u>	351	Despatch advice			
<u>Code</u>	<u>Name</u>								
351	Despatch advice								
<b>BGM020</b>	<b>C106</b>	<b>DOCUMENT/MESSAGE IDENTIFICATION</b>	<b>M</b>	<b>Comp</b>					
	<b>1004</b>	<b>Document/message number</b> Shipment Identification A unique control number assigned by the original shipper to identify a specific shipment	<b>M</b>	<b>AN</b>	<b>0/35</b>				
<b>BGM030</b>	<b>1225</b>	<b>MESSAGE FUNCTION, CODED</b>	<b>M</b>	<b>AN</b>	<b>0/3</b>				
		<table border="0"> <tr> <td style="text-align: center;"><u>Code</u></td> <td style="text-align: center;"><u>Name</u></td> </tr> <tr> <td style="text-align: center;">9</td> <td style="text-align: center;">Original</td> </tr> </table>	<u>Code</u>	<u>Name</u>	9	Original			
<u>Code</u>	<u>Name</u>								
9	Original								

**Segment Example:**

*BGM+351+2002924+9'*

**DTM****DATE/TIME/PERIOD**

Pos: 0030	Max: 10
Heading - Conditional	
Group: N/A	Elements: 1

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

**Element Summary:**

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Sanmina Required</u>	<u>Type</u>	<u>Min/Max</u>								
DTM010	C507	DATE/TIME/PERIOD	M	Comp									
	2005	<b>Date/time/period qualifier</b>  <table border="0"> <tr> <td><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>97</td> <td>Transaction creation date (<b>Mandatory</b>)</td> </tr> <tr> <td>10</td> <td>Despatch date and or time (<b>Mandatory</b>)</td> </tr> <tr> <td>132</td> <td>Arrival date</td> </tr> </table>	<u>Code</u>	<u>Name</u>	97	Transaction creation date ( <b>Mandatory</b> )	10	Despatch date and or time ( <b>Mandatory</b> )	132	Arrival date	M/O	AN	0/3
<u>Code</u>	<u>Name</u>												
97	Transaction creation date ( <b>Mandatory</b> )												
10	Despatch date and or time ( <b>Mandatory</b> )												
132	Arrival date												
	2380	<b>Date/time/period</b> Date/time Date: 2016317 Time: Min 1904 Sec 00 Time Zone: GMT Greenwich Mean Time	M	AN	0/35								
	2379	<b>Date/time/period format qualifier</b> Format of the DTM010:  <table border="0"> <tr> <td><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>102</td> <td>CCYYMMDD</td> </tr> <tr> <td>304</td> <td>CCYYMMDDHHMMSSZZZ</td> </tr> </table>	<u>Code</u>	<u>Name</u>	102	CCYYMMDD	304	CCYYMMDDHHMMSSZZZ	M	AN	0/3		
<u>Code</u>	<u>Name</u>												
102	CCYYMMDD												
304	CCYYMMDDHHMMSSZZZ												

**Segment Example:***DTM+97:20160317:102'**DTM+10:20160317190400GMT:304'**DTM+132:20160417:102'*



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<b>MEA</b>	<b>MEASUREMENTS</b>	Pos: 0050	Max: 5
		Heading - Conditional	Group: N/A
		Elements: 3	

To specify physical measurements, including dimension tolerances, weights and counts.

**Element Summary:**

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Sanmina Required</u>	<u>Type</u>	<u>Min/Max</u>								
MEA010	6311	<b>MEASUREMENT PURPOSE QUALIFIER</b>	M	AN	0/3								
		<table border="0"> <tr> <td><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>AAX</td> <td>Consignment Measurement</td> </tr> </table>	<u>Code</u>	<u>Name</u>	AAX	Consignment Measurement							
<u>Code</u>	<u>Name</u>												
AAX	Consignment Measurement												
MEA020	C502	<b>MEASUREMENT DETAILS</b>	O	Comp									
	6313	<b>Property Measured, coded</b>	O	AN	0/3								
		<table border="0"> <tr> <td><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>G</td> <td>Gross Weight</td> </tr> <tr> <td>N</td> <td>Net Weight</td> </tr> </table>	<u>Code</u>	<u>Name</u>	G	Gross Weight	N	Net Weight					
<u>Code</u>	<u>Name</u>												
G	Gross Weight												
N	Net Weight												
MEA030	C174	<b>VALUE/RANGE</b>	O	Comp									
	6411	<b>Measure Unit qualifier</b>	M	AN	0/3								
		<table border="0"> <tr> <td><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>LBR</td> <td>Pound</td> </tr> <tr> <td>KGM</td> <td>Kilogram</td> </tr> <tr> <td>C62</td> <td>Value of the measured unit</td> </tr> </table>	<u>Code</u>	<u>Name</u>	LBR	Pound	KGM	Kilogram	C62	Value of the measured unit			
<u>Code</u>	<u>Name</u>												
LBR	Pound												
KGM	Kilogram												
C62	Value of the measured unit												
	6314	<b>Measurement Value</b>	O	AN	0/18								
		Value of the measured unit.											

**Segment Example:**

MEA+AAX+G+LBR:2'  
 MEA+AAX+N+KGM:4'  
 MEA+AAX+N+C62:4'





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<b>Segment Group 1</b>	Pos: 0070 Heading - Conditional Group: Group 1 Elements: NA	Max: 10
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**Segment Summary:**

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Sanmina Required</u>	<u>Repetition</u>	<u>Notes</u>
0080	RFF	REFERENCE	M	1	



<b>RFF</b>	<b>REFERENCE</b>	Pos: 0080	Max: 1
		Heading - Mandatory	
		Group: Group 1	Elements: 1

To specify a reference.

**Element Summary:**

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Sanmina Required</u>	<u>Type</u>	<u>Min/Max</u>										
RFF010	C506	REFERENCE	M	Comp											
	1153	Reference qualifier	M/O	AN	0/3										
		<table border="0"> <tr> <td><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>PK</td> <td>Packing List Number (<b>Mandatory</b>)</td> </tr> <tr> <td>AAM</td> <td>Waybill number (<b>Mandatory</b>)</td> </tr> <tr> <td>BM</td> <td>Bill of lading number</td> </tr> <tr> <td>AWB</td> <td>Air waybill number</td> </tr> </table>	<u>Code</u>	<u>Name</u>	PK	Packing List Number ( <b>Mandatory</b> )	AAM	Waybill number ( <b>Mandatory</b> )	BM	Bill of lading number	AWB	Air waybill number			
<u>Code</u>	<u>Name</u>														
PK	Packing List Number ( <b>Mandatory</b> )														
AAM	Waybill number ( <b>Mandatory</b> )														
BM	Bill of lading number														
AWB	Air waybill number														
	1154	Reference number	M/O	AN	0/35										

**Segment Example:**

*RFF+PK:A10932476' Mandatory*  
*RFF+AAM:B10932476' Mandatory*  
*RFF+BM:C10932476'*  
*RFF+AWB:D10932476'*



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# Segment Group 2

Pos: 0100 Max: 10  
Heading - Conditional  
Group: Group 2 Elements: NA

## Segment Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Sanmina Required</u>	<u>Repetition</u>	<u>Notes</u>
0110	NAD	NAME AND ADDRESS	M	1	yes



<b>NAD</b>	<b>NAME AND ADDRESS</b>	Pos: 0110	Max: 1
		Heading - Mandatory	
		Group: Group 2	Elements: 3

To specify the name/address and their related function.

**NOTES:** The following URL provides a complete list of ship to codes which may be used by Sanmina:  
<http://www.sanmina.com/partners-access/partner-programs/index.php>

Scroll to the bottom of the page and look for PDF document “[Ship to Address Codes](#)”.

**Element Summary:**

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Sanmina Required</u>	<u>Type</u>	<u>Min/Max</u>						
NAD010	3035	Party Qualifier  <table border="0"> <tr> <td><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>ST</td> <td>Ship To Code Value</td> </tr> <tr> <td>SU</td> <td>Supplier Code Value</td> </tr> </table>	<u>Code</u>	<u>Name</u>	ST	Ship To Code Value	SU	Supplier Code Value	M	AN	0/3
<u>Code</u>	<u>Name</u>										
ST	Ship To Code Value										
SU	Supplier Code Value										
NAD020	C082	PARTY IDENTIFICATION DETAILS	M	Comp							
	3039	Party id. identification	M	AN	0/35						
	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	M	AN	0/3		
<u>Code</u>	<u>Name</u>										
92	Assigned by Buyer or Buyer's agent										
NAD040	C080	Party name	O	Comp							
	3036	Party name <a href="#">Name of a party involved in a transaction.</a>	M	AN	1/35						

**Segment Example:**

*NAD+ST+34510::92++ENG - Tatabanya Plant, HUN Plant 1'*  
*NAD++SU+XYZ001::92++XYZ Corporation"*



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<b>Segment Group 6</b>	Pos: 0230 Heading -Mandatory Group: Group 6 Elements: NA	Max: 10
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**Segment Summary:**

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Sanmina Required</u>	<u>Repetition</u>	<u>Notes</u>
0240	TDT	DETAILS OF TRANSPORT	M	1	



<b>TDT</b>	<b>DETAILS OF TRANSPORT</b>	Pos: 0230	Max: 1
		Heading - Mandatory	
		Group: Group 6	Elements: 4

A segment specifying the carriage, and the mode and means of transport of the goods being despatched.

**Element Summary:**

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Sanmina Required</u>	<u>Type</u>	<u>Min/Max</u>
TDT010	8051	<b>TRANSPORT STAGE QUALIFIER</b> Qualifier giving a specific meaning to the transport details.  <u>Code</u> <u>Name</u> 12      At Departure	M	AN	0/3
TDT030	C220	<b>MODE OF TRANSPORT</b>	O	Comp	
	8067	<b>Mode of transport ,Coded</b> Method of transport code or name. 1 Maritime transport 2 Rail transport 3 Road transport 4 Air transport 5 Mail (Active mode of transport unknown) 6 Multimodal transport (Active mode of transport unknown)	O	AN	0/3
TDT050	C040	<b>CARRIER</b> Indication of level of packaging specified.	O	Comp	
	3127	<b>Carrier Identification</b> Valid SCAC code required	O	AN	0/17
	3055	Code list responsible agency, coded  <u>Code</u> <u>Name</u> 182      US, Standard Carrier Alpha Code (Motor) Organization maintaining the SCAC lists and transportation operating in North America.	O	AN	0/3
	3128	<b>Carrier Name</b> Name of party transporting the goods	M	AN	0/35
TDT060	8101	<b>TRANSIT DIRECTION, CODED</b>  <u>Code</u> <u>Name</u> SD      Seller to drop ship designated location	O	AN	0/3

**Segment Example:**

*TDT+12++3++RYDD:182:Ryder Systems Inc+SD'*



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<b>Segment Group 10</b>	Pos: 0370	Max: 9999
	Detail - Conditional	
	Group: Group 10	Elements: NA

**Segment Summary:**

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Sanmina Required</u>	<u>Repetition</u>	<u>Notes</u>
0380	CPS	CONSIGNMENT PACKING SEQUENCE	M	1	
0550		Segment Group 15	O	9999	



<b>CPS</b>	<b>CONSIGNMENT PACKING SEQUENCE</b>	Pos: 0380	Max: 1
		Detail - Mandatory	Group: Group 10 Elements: 3

To identify the sequence in which physical packing is presented in the consignment, and optionally to identify the hierarchical relationship between packing layers.

**Element Summary:**

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Sanmina Required</u>	<u>Type</u>	<u>Min/Max</u>				
CPS010	7164	<b>HIERARCHICAL ID. NUMBER</b> A unique number assigned by the sender to identify a level within a hierarchical structure.	M	AN	0/12				
CPS020	7166	<b>HIERARCHICAL PARENT ID.</b> Identification number of the next higher hierarchical data segment in a hierarchical structure.	O	AN	0/12				
CPS030	7075	<b>PACKAGING LEVEL, CODED</b> Indication of level of packaging specified.  <table border="0" style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;"><u>Code</u></td> <td style="text-align: center;"><u>Name</u></td> </tr> <tr> <td style="text-align: center;">4</td> <td style="text-align: center;">No packaging hierarchy</td> </tr> </table>	<u>Code</u>	<u>Name</u>	4	No packaging hierarchy	M	AN	0/3
<u>Code</u>	<u>Name</u>								
4	No packaging hierarchy								

**Segment Example:**

*CPS+I++4'*





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# Segment Group 15

Pos: 0550      Max: 9999  
Detail - Conditional  
Group: Group 15      Elements: NA

## Segment Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Sanmina Required</u>	<u>Repetition</u>	<u>Notes</u>
0560	LIN	LINE ITEM	M	1	
0570	PIA	ADDITIONAL PRODUCT ID	M	10	
0600	QTY	QUANTITY	M	10	
0690	FTX	FREE TEXT	O	99	



<b>LIN</b>	<b>LINE ITEM</b>	Pos: 0560	Max: 1
		Detail - Mandatory	
		Group: Group 15	Elements: 2

To identify a line item and configuration.

**Element Summary:**

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Sanmina Required</u>	<u>Type</u>	<u>Min/Max</u>
LIN010	1082	<b>Line item number</b> 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.	O	AN	0/6
LIN030	C212	<b>ITEM NUMBER IDENTIFICATION</b>	O	Comp	
	7140	<b>Item number</b> Orderable part number <a href="#">Sanmina's Item Number</a>	M	AN	0/35
	7143	<b>Item number type, coded</b>  <u>Code</u> <u>Name</u> BP            Buyer's part number	M	AN	0/3
	3055	<b>Code list responsible agency, coded</b>  <u>Code</u> <u>Name</u> 92            Assigned by Buyer or Buyer's agent	M	AN	0/3

**Segment Example:**

LIN+1++LFSYS278151:BP::92'



<b>PIA</b>	<b>ADDITIONAL PRODUCT ID</b>	Pos: 0570	Max: 10
		Detail - Conditional	Group: Group 15 Elements: 2

To specify additional or substitutional item identification codes.

**Element Summary:**

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Sanmina Required</u>	<u>Type</u>	<u>Min/Max</u>				
PIA010	4347	<b>PRODUCT ID. FUNCTION QUALIFIER</b>	M	AN	0/3				
		<table border="0"> <tr> <td style="padding-right: 20px;"><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>1</td> <td>Additional identification</td> </tr> </table>	<u>Code</u>	<u>Name</u>	1	Additional identification			
<u>Code</u>	<u>Name</u>								
1	Additional identification								
PIA020	C212	<b>ITEM NUMBER IDENTIFICATION</b>	M	Comp					
	7140	<b>Item number</b> MFG part number	M	AN	0/35				
	7143	<b>Item number type, coded</b>	M	AN	0/3				
		<table border="0"> <tr> <td style="padding-right: 20px;"><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>VP</td> <td>MFG (Seller's) part number</td> </tr> </table>	<u>Code</u>	<u>Name</u>	VP	MFG (Seller's) part number			
<u>Code</u>	<u>Name</u>								
VP	MFG (Seller's) part number								

**Segment Example:**

*PIA+1+MMBD914LT1:VP'*



<b>QTY</b>	<b>QUANTITY</b>	Pos: 0600	Max:10
		Detail - Conditional	
		Group: Group 15	Elements: 1

To specify a pertinent quantity.

**Element Summary:**

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Sanmina Required</u>	<u>Type</u>	<u>Min/Max</u>				
QTY010	C186	QUANTITY DETAILS	M	Comp					
	6063	Quantity qualifier	M	AN	0/3				
		<table border="0"> <tr> <td style="padding-right: 20px;"><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>12</td> <td>Despatch quantity</td> </tr> </table>	<u>Code</u>	<u>Name</u>	12	Despatch quantity			
<u>Code</u>	<u>Name</u>								
12	Despatch quantity								
	6060	Quantity Total line item quantity	M	N	0/15				
	6411	Measure unit qualifier Unit of measure for the quantity in QTY010:6060	M	AN	0/3				
		<table border="0"> <tr> <td style="padding-right: 20px;"><u>Code</u></td> <td><u>Description</u></td> </tr> <tr> <td>EA</td> <td>Each</td> </tr> </table>	<u>Code</u>	<u>Description</u>	EA	Each			
<u>Code</u>	<u>Description</u>								
EA	Each								

**Segment Example:**

*QTY+12:20:EA*



<b>FTX</b>	<b>FREE TEXT</b>	Pos: 0690	Max: 99
		Detail - Conditional	Group: Group 15
		Elements: 2	

Free Text to provide additional information

**Element Summary:**

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Sanmina Required</u>	<u>Type</u>	<u>Min/Max</u>
FTX010	4451	Text Subject Qualifier <u>Code</u> <u>Name</u> LIN      Line Item	M	AN	0/3
FTX030	C107	TEXT REFERENCE	O	AN	0/3
	4441	Free text Identification PO Line Number <i>This number is the Delivery Identification Number – a concatenation of Sanmina’s release number, line number and shipment number.</i>	M	AN	0/17

**Segment Example:**

*FTX+LIN+002001001*



SANMINA

<b>Segment Group 16</b>	0710	Max: 10
	Detail -Conditional	
	Group: Group 16 Elements: NA	

**Segment Summary:**

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Sanmina Required</u>	<u>Repetition</u>	<u>Notes</u>
0720	RFF	REFERENCE	M	1	
0730	NAD	NAME AND ADDRESS	M	1	



<b>RFF</b>	<b>REFERENCE</b>	Pos: 0720	Max: 1
		Detail - Mandatory	
		Group: Group 16	Elements: 1

To specify a reference.

**Element Summary:**

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Sanmina Required</u>	<u>Type</u>	<u>Min/Max</u>				
RFF010	C506	REFERENCE	M	Comp					
	1153	Reference qualifier	M	AN	0/3				
		<table border="0"> <tr> <td style="text-align: center;"><u>Code</u></td> <td style="text-align: center;"><u>Name</u></td> </tr> <tr> <td style="text-align: center;">ON</td> <td style="text-align: center;">Purchase Order</td> </tr> </table>	<u>Code</u>	<u>Name</u>	ON	Purchase Order			
<u>Code</u>	<u>Name</u>								
ON	Purchase Order								
	1154	Reference Number Purchase Order Number	M	AN	0/35				
	1156	Line number Shipment Line Number	M	AN	0/6				

**Segment Example:**

RFF+ON:B560011345:01'



<b>NAD</b>	<b>NAME AND ADDRESS</b>	Pos: 0820	Max: 1
		Detail - Conditional	Group: Group 16 Elements: 2

To specify the name/address and their related function.

**Element Summary:**

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Sanmina Required</u>	<u>Type</u>	<u>Min/Max</u>
NAD010	3035	Party Qualifier  <u>Code</u> <u>Name</u> MF              Party who manufactures the goods	M	AN	0/3
NAD020	C082	<b>PARTY IDENTIFICATION DETAILS</b>	M	Comp	
	3039	Party id. identification Manufacturer Name	M	AN	0/35
	3055	Code list responsible agency, coded  <u>Code</u> <u>Name</u> 92              Assigned by Buyer or Buyer's agent	M	AN	0/3

**Segment Example:**

*NAD+MF+XYZ Corporation::92'*





<b>CNT</b>	<b>DATE/TIME/PERIOD</b>	Pos: 1030	Max: 5
		Detail - Conditional	Elements: 1
		Group: Group N/A	

To provide control total.

**Element Summary:**

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Sanmina Required</u>	<u>Type</u>	<u>Min/Max</u>				
CNT010	C270	CONTROL	M	Comp					
	6069	Control qualifier	M	AN	0/3				
		<table border="0"> <tr> <td style="padding-right: 20px;"><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>1</td> <td>Algebraic total of the quantity values in line items in a message</td> </tr> </table>	<u>Code</u>	<u>Name</u>	1	Algebraic total of the quantity values in line items in a message			
<u>Code</u>	<u>Name</u>								
1	Algebraic total of the quantity values in line items in a message								
	6066	Control value	M	N	0/18				
		Value obtained from summing the values specified by the Control Qualifier throughout the message (Hash total).							

**Segment Example:**

CNT+1:20'



<b>UNT</b>	<b>MESSAGE TRAILER</b>	Pos: 1040	Max: 1
		Detail - Mandatory	Elements: 2
		Group: N/A	

To end and check the completeness of a message.

**Element Summary:**

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Sanmina Required</u>	<u>Type</u>	<u>Min/Max</u>
UNT010	0074	<b>NUMBER OF SEGMENTS IN A MESSAGE</b> 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	<b>MESSAGE REFERENCE NUMBER</b> Must match the UNH control number.	M	AN	1/14

**Segment Example:**

*UNT+13+1'*



<b>UNZ</b>	<b>INTERCHANGE TRAILER</b>	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>Sanmina Required</u>	<u>Type</u>	<u>Min/Max</u>
UNZ010	0036	<b>INTERCHANGE CONTROL COUNT</b> This is the number of messages (i.e. UNH segments) in the current envelope.	M	N	1/6
UNZ020	0020	<b>INTERCHANGE CONTROL REFERENCE</b> Must match the ICN from the UNB segment at the start of the envelope.	M	AN	1/14

**Segment Example:**

*UNZ+1+1'*



**Example DESADV Data File:**

UNB+UNOA:1+SupplierID:SupplierQualifier:SupplierRouting Address+SANMINACORP:01+020712:0935+1+  
+DESADV'  
UNH+1+DESADV:D:97A:UN'  
BGM+351+2002924+9'  
DTM+97:20160317:102'  
DTM+10:201603171904GMT:304'  
DTM+132:20160417:102'  
MEA+AAX+G+LBR:2'  
MEA+AAX+N+KGM:4'  
MEA+AAX+N+C62:4'  
RFF+PK:A10932476'  
RFF+AAM:B10932476'  
RFF+BM:C10932476'  
RFF+AWB:D10932476'  
NAD+ST+34510::92++ENG - Tatabanya Plant, HUN Plant 1'  
NAD+SU+XYZ001::92++XYZ Corporation'  
TDT+12++3++RYDD:182:Ryder Systems Inc+SD'  
CPS+1++4'  
LIN+1++LFSYS278151:BP::92'  
PIA+1+MMBD914LT1:VP'  
QTY+12:20:EA'  
FTX+LIN+002001001'  
RFF+ON+B560011345:01'  
NAD+MF+XYZ Corporation::92'  
CNT+1:20'  
UNT+13+1'  
UNZ+1+1'