



SANMINA

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EDI INBOUND DESADV MESSAGE

VERSION: D97A

Author:	SANMINA EDI Group
Trading Partner:	All EDI Suppliers
Modified:	Sept 8, 2016



DOCUMENT REVISION

Revision No.	Date	Person(s) Responsible	Comments
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



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>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	MESSAGE REFERENCE NUMBER 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 <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	Message type version number <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	Message type release number <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	Controlling agency <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'

**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>Sanmina Required</u>	<u>Type</u>	<u>Min/Max</u>				
BGM010	C002	DOCUMENT/MESSAGE NAME	M	Comp					
	1001	Document/message name, coded <table border="0"> <tr> <td><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>351</td> <td>Despatch advice</td> </tr> </table>	<u>Code</u>	<u>Name</u>	351	Despatch advice	M	AN	0/3
<u>Code</u>	<u>Name</u>								
351	Despatch advice								
BGM020	C106	DOCUMENT/MESSAGE IDENTIFICATION	M	Comp					
	1004	Document/message number Shipment Identification A unique control number assigned by the original shipper to identify a specific shipment	M	AN	0/35				
BGM030	1225	MESSAGE FUNCTION, CODED <table border="0"> <tr> <td><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>9</td> <td>Original</td> </tr> </table>	<u>Code</u>	<u>Name</u>	9	Original	M	AN	0/3
<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	Date/time/period qualifier <table border="0"> <tr> <td style="padding-right: 20px;"><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>97</td> <td>Transaction creation date (Mandatory)</td> </tr> <tr> <td>10</td> <td>Despatch date and or time (Mandatory)</td> </tr> <tr> <td>132</td> <td>Arrival date</td> </tr> </table>	<u>Code</u>	<u>Name</u>	97	Transaction creation date (Mandatory)	10	Despatch date and or time (Mandatory)	132	Arrival date	M/O	AN	0/3
<u>Code</u>	<u>Name</u>												
97	Transaction creation date (Mandatory)												
10	Despatch date and or time (Mandatory)												
132	Arrival date												
	2380	Date/time/period Date/time Date: 2016317 Time: Min 1904 Sec 00 Time Zone: GMT Greenwich Mean Time	M	AN	0/35								
	2379	Date/time/period format qualifier Format of the DTM010: <table border="0"> <tr> <td style="padding-right: 20px;"><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'*



MEA	MEASUREMENTS	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	MEASUREMENT PURPOSE QUALIFIER	M	AN	0/3
		<u>Code</u> <u>Name</u> AAX Consignment Measurement			
MEA020	C502	MEASUREMENT DETAILS	O	Comp	
	6313	Property Measured, coded	O	AN	0/3
		<u>Code</u> <u>Name</u> G Gross Weight N Net Weight			
MEA030	C174	VALUE/RANGE	O	Comp	
	6411	Measure Unit qualifier	M	AN	0/3
		<u>Code</u> <u>Name</u> LBR Pound KGM Kilogram C62 Value of the measured unit			
	6314	Measurement Value	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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Segment Group 1	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	



RFF	REFERENCE	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"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>PK</td> <td>Packing List Number (Mandatory)</td> </tr> <tr> <td>AAM</td> <td>Waybill number (Mandatory)</td> </tr> <tr> <td>BM</td> <td>Bill of lading number</td> </tr> <tr> <td>AWB</td> <td>Air waybill number</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	PK	Packing List Number (Mandatory)	AAM	Waybill number (Mandatory)	BM	Bill of lading number	AWB	Air waybill number			
<u>Code</u>	<u>Name</u>														
PK	Packing List Number (Mandatory)														
AAM	Waybill number (Mandatory)														
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

**NAD****NAME AND ADDRESS**

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 Name of a party involved in a transaction.	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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Segment Group 6	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	



TDT	DETAILS OF TRANSPORT	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	TRANSPORT STAGE QUALIFIER Qualifier giving a specific meaning to the transport details. <u>Code</u> <u>Name</u> 12 At Departure	M	AN	0/3
TDT030	C220	MODE OF TRANSPORT	O	Comp	
	8067	Mode of transport ,Coded 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	CARRIER Indication of level of packaging specified.	O	Comp	
	3127	Carrier Identification 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	Carrier Name Name of party transporting the goods	M	AN	0/35
TDT060	8101	TRANSIT DIRECTION, CODED <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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Segment Group 10	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	



CPS	CONSIGNMENT PACKING SEQUENCE	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	HIERARCHICAL ID. NUMBER A unique number assigned by the sender to identify a level within a hierarchical structure.	M	AN	0/12				
CPS020	7166	HIERARCHICAL PARENT ID. Identification number of the next higher hierarchical data segment in a hierarchical structure.	O	AN	0/12				
CPS030	7075	PACKAGING LEVEL, CODED 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	



LIN	LINE ITEM	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	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.	O	AN	0/6
LIN030	C212	ITEM NUMBER IDENTIFICATION	O	Comp	
	7140	Item number Orderable part number Sanmina's Item Number	M	AN	0/35
	7143	Item number type, coded <u>Code</u> <u>Name</u> BP Buyer's part number	M	AN	0/3
	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:

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



PIA	ADDITIONAL PRODUCT ID	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	PRODUCT ID. FUNCTION 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;">1</td> <td style="text-align: center;">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	ITEM NUMBER IDENTIFICATION	M	Comp					
	7140	Item number MFG part number	M	AN	0/35				
	7143	Item number type, coded	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;">VP</td> <td style="text-align: center;">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'



QTY	QUANTITY	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><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><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



FTX	FREE TEXT	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



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Segment Group 16	0710 Detail -Conditional Group: Group 16 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>
0720	RFF	REFERENCE	M	1	
0730	NAD	NAME AND ADDRESS	M	1	



RFF	REFERENCE	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 style="width: 100%; border: none;"> <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'



NAD	NAME AND ADDRESS	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	PARTY IDENTIFICATION DETAILS	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'



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

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'



UNT	MESSAGE TRAILER	Pos: 1040	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>Sanmina Required</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+13+1'



UNZ	INTERCHANGE TRAILER	Pos:	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>Sanmina Required</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 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'