



SANMINA CORPORATION

EDI OUTBOUND RECADV MESSAGE

VERSION: D97A

Author:	Sanmina Information Technology & Services
Trading Partner:	All EDI Suppliers
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RECADV Receiving advice message

This message is used to report the physical receipt of goods.

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	M	10		Must use
0050		<u>Segment Group 1</u>	M	10		Must use
0060	RFF	REFERENCE	M	1		Must use
0080		<u>Segment Group 2</u>	C	10		Must use
0090	DOC	DOCUMENT/MESSAGE DETAILS	M	1		Must use
0130		<u>Segment Group 4</u>	M	10		Must use
0140	NAD	NAME AND ADDRESS	M	1		Must use

Detail:

Pos	Tag	Segment Name	EDIFACT Required	Repetition	Notes	Sanmina Required
0470		<u>Segment Group 16</u>	C	9999		Must use
0480	CPS	CONSIGNMENT PACKING SEQUENCE	M	1		Must use
0630		<u>Segment Group 22</u>	M	9999		Must use
0640	LIN	LINE ITEM	M	1		Must use
0650	PIA	ADDITIONAL PRODUCT ID	C	10		Must use
0670	QTY	QUANTITY	C	10		Must use
0670	DTM	DATE/TIME/PERIOD	C	5		Must use
0840		<u>Segment Group 28</u>	C	10		Must use
0850	RFF	REFERENCE	M	1		Must use

Summary:

Pos	Tag	Segment Name	EDIFACT Required	Repetition	Notes	Sanmina Required
1000	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
		Code Name UNOA UN/ECE level A			
	0002	Syntax version number	M	N	1/1
		Code Name 1 Version 1			
UNB020	S002	INTERCHANGE SENDER	M	Comp	
	0004	Sender identification		AN	1/35
		<i>Sanmina's mailbox details are:</i> <i>Production:- SANMINACORP</i> <i>Test:- SANMINACORT</i>			
	0007	Partner identification code qualifier	C	AN	1/4
		<i>Sanmina's qualifier details are:</i> <i>Production:- 01</i> <i>Test:- ZZ</i>			
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 RECADV message. Date format = yymmdd Date is always in Pacific Time			
	0019	Time of preparation	M	N	4/4
		Time when the EDI translator generated the RECADV message. Time format = hhmm Time is always in Greenwich Mean Time (GM)			
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+020716:0935+1++RECADV'

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 <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> RECADV Receiving advice 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,	M	AN	1/2
	0054	Association assigned code <u>Code</u> EDDF04	O	AN	1//6

Segment Example:

UNH+1+RECADV:D:97A:UN:EDDF04'

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	C	Comp	
	1001	Document/message name, coded <u>Code</u> <u>Name</u> 632 Goods Receipt	C	AN	1/3
BGM020	C106	DOCUMENT/MESSAGE IDENTIFICATION	C	Comp	
	1004	Document/message number Unique ID assigned by Sender	M	AN	1/35
BGM030	1225	MESSAGE FUNCTION, CODED <u>Code</u> <u>Name</u> 9 Original Receipt Advice	M	AN	1/3

Segment Example:

BGM+632+201602161461768944347+9'

DTM	DATE/TIME/PERIOD	Pos: 0030	Max: 10
		Heading - Mandatory	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 <u>Code</u> <u>Name</u> 137 Document/message date	M	AN	1/3
	2380	Date/time/period Date/time when a document/message is issued. This may include authentication.	M	AN	1/35
	2379	Date/time/period format qualifier Format of the DTM010:2380 date <u>Code</u> <u>Name</u> 102 CCYYMMDD	M	AN	1/3

Segment Example:

DTM+137:20160217:102'

Segment Group 1

Pos: 0050 Max: 10
Heading - Mandatory
Group: Group 1 Elements: NA

Segment Summary:

Pos	Tag	Segment Name	Sanmina Required	Repetition	Notes
0060	RFF	REFERENCE	M	1	

RFF	REFERENCE	Pos: 0060	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 Code PK AWB Name Packing list number Air waybill number (Optional)	M	AN	1/3
	1154	Reference number Packing slip number Air waybill number (Optional)	M C	AN AN	1/35 1/35

Segment Example:

RFF+PK:1234567890'
RFF+AWB:123456' (Optional)

Segment Group 2

Pos: 0080 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>
0090	DOC	DOCUMENT/MESSAGE DETAILS	C	1	

DOC	DOCUMENT/MESSAGE DETAILS	Pos: 0090	Max: 1
		Heading - Mandatory	
		Group: Group 2	Elements: 1

A segment identifying documents where a discrepancy occurs

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Sanmina Required</u>	<u>Type</u>	<u>Min/Max</u>
DOC01	C002	DOCUMENT/MESSAGE NAME	M	Comp	
	1001	Document/message name, coded <u>Code</u> <u>Name</u> 632 Goods receipt	M	AN	1/3

Segment Example:

DOC+632'

Segment Group 4

Pos: 0130 Max: 10
Heading - Mandatory
Group: Group 4 Elements: NA

Segment Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Sanmina Required</u>	<u>Repetition</u>	<u>Notes</u>
0140	NAD	NAME AND ADDRESS	M	1	yes

NAD	NAME AND ADDRESS	Pos: 0140	Max: 1
		Heading - Mandatory	Group: Group 4 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> SU Supplier ST Ship To	M	AN	1/3
NAD020	C082	PARTY IDENTIFICATION DETAILS	M	Comp	
	3039	Party ID identification Please see note below regarding codes.	M	AN	1/35
	3055	Code list responsible agency, coded <u>Code</u> <u>Name</u> 92 Assigned by Buyer or Buyer's agent	M	AN	1/3
NAD040	C080	Party name	M	Comp	
	3036	Party name Name of a party involved in a transaction.	M	AN	1/35

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

Segment Group 16

Pos: 0470 Max: 9999
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>
0480	CPS	CONSIGNMENT PACKING SEQUENCE	M	1	
0630		Segment Group 22	M	9999	

CPS	CONSIGNMENT PACKING SEQUENCE	Pos: 0480	Max: 1
		Detail - Mandatory	
		Group: Group 16 Elements: 1	

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	1/12

Segment Example:

CPS+1 '

Segment Group 22

Pos: 0630 Max: 9999
Detail - Conditional
Group: Group 22 Elements: NA

Segment Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Sanmina Required</u>	<u>Repetition</u>	<u>Notes</u>
0640	LIN	LINE ITEM	M	1	
0650	PIA	ADDITIONAL PRODUCT ID	M	10	
0670	QTY	QUANTITY	M	10	
0690	DTM	DATE/TIME/PERIOD	M	5	

LIN	LINE ITEM	Pos: 0640	Max: 1
		Detail - Mandatory	
		Group: Group 22	Elements: 1

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>
LIN030	C212	ITEM NUMBER IDENTIFICATION	M	Comp	
	7140	Item number Sanmina's orderable part number	M	AN	1/35
	7143	Item number type, coded <u>Code</u> <u>Name</u> BP Buyer's part number	M	AN	1/3

Segment Example:

LIN+++12345678:BP'

PIA	ADDITIONAL PRODUCT ID	Pos: 0650	Max: 10
		Detail - Conditional	Group: Group 22 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 - <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	M	AN	1/35
	7143	Item number type, coded <u>Code</u> <u>Name</u> VP Vendor's (MFG) part number	M	AN	1/3

Segment Example:

PIA+1+987ZYX00:VP'

QTY	QUANTITY	Pos: 0670	Max: 10
		Detail - Conditional	
		Group: Group 22	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 <u>Code</u> 48 <u>Name</u> Received 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	M	AN	1/3

Segment Example:

QTY+48:9999:EA'

DTM	DATE/TIME/PERIOD	PPos: 0670	Max: 5
		Detail - Conditional	
		Group: Group 22 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 <u>Code</u> <u>Name</u> 310 Received Date 8 Received Time	M	AN	1/3
	2380	Date/time/period Date/time Received Date and Time	M	AN	1/35
	2379	Date/time/period format qualifier Format of the DTM010:2380 date <u>Code</u> <u>Name</u> 102 CCYYMMDD 402 HHMMSS	M	AN	1/3

Segment Example:

DTM+310:20160224:102'
DTM+8:144044:402'

Segment Group 28

Pos: 0840 Max: 10
Detail - Conditional
Group: Group 28 Elements: NA

Element Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Sanmina Required</u>	<u>Repetition</u>	<u>Notes</u>
0850	RFF	REFERENCE	M	1	

RFF	REFERENCE	Pos: 0850	Max: 1
		Detail - Mandatory	Group: Group 28 Elements: 1

A segment for referencing documents relating to the line item specified by the LIN or IMD segment.

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 <u>Code</u> <u>Name</u> ON Order number (purchase)	M	AN	1/3
	1154	Reference number Sanmina's Purchase Order Number	M	AN	1/35
	1156	Line Number PO Line Number	C	AN	1/6
	4000	Reference version number Sanmina's Purchase Order Release Number	C	AN	1/35

Segment Example:

RFF+ON:B55000099:1'

UNT	MESSAGE TRAILER	Pos: 1000	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+16+1'

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>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 RECADV Data File:

```
UNB+UNOA:1+SANMINACORP:01+SupplierID:SupplierQualifier:SupplierRouting  
Address+020716:0935+1++RECADV'  
UNH+1+RECADV:D:97A:UN':EDDF04  
BGM+632+201604271461768944347+9'  
DTM+137:20160217:102'  
RFF+PK:1234567890'  
RFF+AWB:123456'  
DOC+632'  
NAD+SU+XYZ001::92++XYZ Corporation'  
NAD+ST+34510::92++ENG - Tatabanya Plant, HUN Plant 1'  
CPS+1'  
LIN+++12345678:BP'  
PIA+1+987ZYX00:VP'  
QTY+48:9999:EA'  
DTM+310:20160224:102'  
DTM+8:144044:402'  
RFF+ON:B55000099:1'  
UNT+16+1'  
UNZ+1+1'
```