



# **SANMINA CORPORATION**

## **EDI OUTBOUND RECADV MESSAGE**

### **VERSION: D97A**

<b>Author:</b>	<b>Sanmina Information Technology &amp; Services</b>
<b>Trading Partner:</b>	<b>All EDI Suppliers</b>
<b>Created:</b>	<b>April 15, 2020</b>
<b>Version:</b>	<b>3</b>

# 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

<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 <b>Code</b> <b>Name</b> UNOA      UN/ECE level A	M	A	4/4
	0002	Syntax version number <b>Code</b> <b>Name</b> 1      Version 1	M	N	1/1
UNB020	S002	INTERCHANGE SENDER	M	Comp	
	0004	Sender identification <i>Sanmina's mailbox details are:</i> <i>Production:- SANMINACORP</i> <i>Test:- SANMINACORT</i>		AN	1/35
	0007	Partner identification code qualifier <i>Sanmina's qualifier details are:</i> <i>Production:- 01</i> <i>Test:- ZZ</i>	C	AN	1/4
UNB030	S003	INTERCHANGE RECIPIENT	M	Comp	
	0010	Recipient identification Supplier's UNB receiver ID	M	AN	1/35
	0007	Partner identification code qualifier Supplier's UNB receiver ID qualifier	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 RECADV message. Date format = yymmdd Date is always in Pacific Time	M	N	6/6
	0019	Time of preparation Time when the EDI translator generated the RECADV message. Time format = hhmm Time is always in Greenwich Mean Time (GM)	M	N	4/4
UNB050	0020	INTERCHANGE CONTROL REFERENCE <i>Sanmina sequentially generated UNB control number.</i>	M	AN	1/14
UNB070	0026	APPLICATION REFERENCE	C	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	C	N	1

**Segment Example:**

UNB+UNOA:1+SANMINACORP:01+SupplierID:SupplierQualifier:SupplierRouting  
Address+020716:0935+1++RECADV'

<b>UNH</b>	<b>MESSAGE HEADER</b>	<b>Pos: 0010</b>	<b>Max: 1</b>
		<b>Heading - Mandatory</b>	
		<b>Group: N/A</b>	<b>Elements: 2</b>

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 Sanmina 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 <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'

<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>
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'

<b>DTM</b>	<b>DATE/TIME/PERIOD</b>	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	<b>Date/time/period qualifier</b> <u>Code</u> <u>Name</u> 137          Document/message date	M	AN	1/3
	2380	<b>Date/time/period</b> Date/time when a document/message is issued. This may include authentication.	M	AN	1/35
	2379	<b>Date/time/period format qualifier</b> 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	

<b>RFF</b>	<b>REFERENCE</b>	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 <b>Code</b> PK AWB <b>Name</b> Packing list number Air waybill number <b>(Optional)</b>	M	AN	1/3
	1154	Reference number Packing slip number Air waybill number <b>(Optional)</b>	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	

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

<b>NAD</b>	<b>NAME AND ADDRESS</b>	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 <a href="#">Please see note below regarding codes.</a>	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 <a href="#">Name of a party involved in a transaction.</a>	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	

<b>CPS</b>	<b>CONSIGNMENT PACKING SEQUENCE</b>	<b>Pos: 0480</b>	<b>Max: 1</b>
		<b>Detail - Mandatory</b>	
		<b>Group: Group 16 Elements: 1</b>	

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	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	

<b>LIN</b>	<b>LINE ITEM</b>	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 <a href="#">Sanmina's orderable part number</a>	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'*





<b>QTY</b>	<b>QUANTITY</b>	<b>Pos: 0670</b>	<b>Max: 10</b>
		<b>Detail - Conditional</b>	
		<b>Group: Group 22</b>	<b>Elements: 1</b>

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'*

<b>DTM</b>	<b>DATE/TIME/PERIOD</b>	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	

<b>RFF</b>	<b>REFERENCE</b>	<b>Pos: 0850</b>	<b>Max: 1</b>
		<b>Detail - Mandatory</b>	
		<b>Group: Group 28</b>	<b>Elements: 1</b>

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 <a href="#">Sanmina's Purchase Order Number</a>	M	AN	1/35
	1156	Line Number PO Line Number	C	AN	1/6
	4000	Reference version number <a href="#">Sanmina's Purchase Order Release Number</a>	C	AN	1/35

**Segment Example:**

*RFF+ON:B55000099:1'*

<b>UNT</b>	<b>MESSAGE TRAILER</b>	<b>Pos: 1000</b>	<b>Max: 1</b>
		<b>Detail - Mandatory</b>	
		<b>Group: N/A</b>	<b>Elements: 2</b>

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+16+1'*

<b>UNZ</b>	<b>INTERCHANGE TRAILER</b>	<b>Pos:</b>	<b>Max: 1</b>
		<b>Group: N/A</b>	<b>Elements: 2</b>

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 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'
```