



SANMINA-SCI

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EDI OUTBOUND ORDERS MESSAGE

VERSION: EDIFICE D97A

Author:	SANMINA-SCI EDI Group
Trading Partner:	All EDI Suppliers
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Version:	3



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



ORDERS

Purchase order message

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

Segments:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Repetition</u>	<u>Notes</u>	<u>Usage</u>
	UNB	INTERCHANGE HEADER	M	1		Used

Heading:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Repetition</u>	<u>Notes</u>	<u>Usage</u>
0010	UNH	MESSAGE HEADER	M	1	N1/0010	Must use
0020	BGM	BEGINNING OF MESSAGE	M	1	N1/0020	Must use
0030	DTM	DATE/TIME/PERIOD	M	1	N1/0030	Must use

0080		<u>Segment Group 1</u>	C	1	N	
0090	RFF	REFERENCE	M	1	N1/0090	Used

0110		<u>Segment Group 2</u>	C	2	N	
0120	NAD	NAME AND ADDRESS	M	1	N1/0120	Must use

0210		<u>Segment Group 5</u>	C	1	N	
0220	CTA	CONTACT INFORMATION	M	1	N1/0220	Must use

0280		<u>Segment Group 7</u>	C	5	N	
0290	CUX	CURRENCIES	M	1	N1/0290	Must use

Detail:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Repetition</u>	<u>Notes</u>	<u>Usage</u>
1010		<u>Segment Group 25</u>	C	200000	N	
1020	LIN	LINE ITEM	M	1	N2/1020	Must use
1030	PIA	ADDITIONAL PRODUCT ID	C	25	N2/1030	Used
1040	IMD	ITEM DESCRIPTION	C	1	N2/1040	Used
1060	QTY	QUANTITY	C	99	N2/1060	Used

1280		<u>Segment Group 27</u>	C	1	N	
1290	PRI	PRICE DETAILS	M	1	N2/1290	Must use

1340		<u>Segment Group 28</u>	C	1	N	
1350	RFF	REFERENCE	M	1	N2/1350	Must use

2030		<u>Segment Group 48</u>	C	100	N	
2040	SCC	SCHEDULING CONDITIONS	M	1	N2/2040	Must use

2070		<u>Segment Group 49</u>	C	10	N	
2080	QTY	QUANTITY	M	1	N2/2080	Must use
2090	DTM	DATE/TIME/PERIOD	C	1	N2/2090	Used

2260	UNS	SECTION CONTROL	M	1	N2/2260	Must use
2330	UNT	MESSAGE TRAILER	M	1	N2/2330	Must use

Segments:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Repetition</u>	<u>Notes</u>	<u>Usage</u>
	UNZ	INTERCHANGE TRAILER	M	1		Used



UNB INTERCHANGE HEADER

Pos:	Max: 1
- Mandatory	
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
		<u>Code</u> UNOA		<u>Name</u> UN/ECE level A	
	0002	Syntax version number	M	N	1/1
		<u>Code</u> 1		<u>Name</u> Version 1	
UNB020	S002	INTERCHANGE SENDER	M	Comp	
	0004	Sender identification		AN	1/35
		<i>Sanmina-SCI's mailbox details are:</i>			
		<i>Production:-</i>	<i>SANMINACORP</i>		
		<i>Test:-</i>	<i>SANMINACORT</i>		
	0007	Partner identification code qualifier	C	AN	1/4
		<i>Sanmina-SCI's qualifier details are:</i>			
		<i>Production:-</i>	<i>01</i>		
		<i>Test:-</i>	<i>ZZ</i>		
	0008	Address for reverse routine	N		
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).			



SANMINA - SCI

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>
	0019	Time of preparation Time when the EDI translator generated the ORDERS message. Time format = hhnn Time is always in Central Time (CDT).	M	N	4/4
UNB050	0020	INTERCHANGE CONTROL REFERENCE Sanmina-SCI sequentially generated UNB control number.	M	AN	1/14
UNB060	S005	RECIPIENT'S REFERENCE PASSWORD	N	Comp	
UNB070	0026	APPLICATION REFERNCE	C	AN	1/14
UNB080	0029	PROCESSING PRIORITY CODE	N		
UNB090	0031	ACKNOWLEDGEMENT REQUEST	N		
UNB100	0032	COMMUNICATIONS AGREEMENT ID	N		
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+020712:0935+1++ORDERS'*



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>Status</u>	<u>Type</u>	<u>Min/Max</u>
UNH010	0062	MESSAGE REFERENCE NUMBER Sanmina-SCI 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	M	AN	1/6
		<u>Code</u> <u>Name</u> ORDERS Purchase order message			
	0052	Message type version number	M	AN	1/3
		<u>Code</u> <u>Name</u> D Draft			
	0054	Message type release number	M	AN	1/3
		<u>Code</u> <u>Name</u> 97A Release 97A			
	0051	Controlling agency	M	AN	1/2
		<u>Code</u> <u>Name</u> UN UN/ECE/TRADE/WP.4, United Nations Standard Messages (UNSM)			
	0057	Association assigned code	C	AN	1/6
		<u>Code</u> <u>Name</u> EDPO04 Traditional Purchase Order			

Segment Example:

UNH+I+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	C	AN	1/3
		<u>Code</u> 220		<u>Name</u> Order	
BGM020	C106	DOCUMENT/MESSAGE IDENTIFICATION	C	Comp	
	1004	Document/message number Sanmina-SCI purchase order number	C	AN	1/35
BGM030	1225	MESSAGE FUNCTION, CODED	C	AN	1/3
		<u>Code</u> 9		<u>Name</u> Original	

Segment Example:

BGM+220+M2L002924+9'



DTM DATE/TIME/PERIOD

Pos: 0030	Max: 1
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>Status</u>	<u>Type</u>	<u>Min/Max</u>				
DTM010	C507	DATE/TIME/PERIOD	M	Comp					
	2005	Date/time/period qualifier	M	AN	1/3				
		<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;">137</td> <td style="text-align: center;">Document/message date/time</td> </tr> </table>	<u>Code</u>	<u>Name</u>	137	Document/message date/time			
<u>Code</u>	<u>Name</u>								
137	Document/message date/time								
	2380	Date/time/period Purchase Order Date	C	AN	1/35				
	2379	Date/time/period format qualifier Format of the DTM010:2380 date	C	AN	1/3				
		<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;">102</td> <td style="text-align: center;">CCYYMMDD</td> </tr> </table>	<u>Code</u>	<u>Name</u>	102	CCYYMMDD			
<u>Code</u>	<u>Name</u>								
102	CCYYMMDD								

Segment Example:

DTM+137:20001226:102'



Segment Group 1

Pos: 0080	Max
Heading - Conditional	
Group: Group 1 Elements: N	

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

To specify a reference.

Sanmina-SCI currently use this segment to provide reference to the end-customer. We currently maintain two mappings so the supplier can decide whether or not to receive this segment. We plan to move to maintaining a single mapping in future and as such, use of this segment is encouraged.

A list of possible end-customer codes can be received from the purchasing department at the appropriate plants.

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

Segment Example:

RFF+CT:IADC'



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	M	AN	1/3
		<u>Code</u>			
		BY			
		DP			
		SE			
		<u>Name</u>			
		Buyer			
		Delivery party			
		Seller			
NAD020	C082	PARTY IDENTIFICATION DETAILS	C	Comp	
	3039	Party id. identification	M	AN	1/35
		Please refer to Appendix A for a list of bill_to and ship_to codes along with the associated addresses			
	1131	Code list qualifier	N	AN	1/3
	3055	Code list responsible agency, coded	C	AN	1/3
		<u>Code</u>			
		92			
		<u>Name</u>			
		Assigned by buyer or buyer's agent			

Segment Example:

NAD+DP+IRE-FER01::92'
NAD+BY+IRV-CENTRAL::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



CTA CONTACT INFORMATION

Pos: 0220 Max: 1
Heading - Mandatory
Group: Group 5 Elements: 2

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	C	AN	1/3									
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> <th><u>Used</u></th> </tr> </thead> <tbody> <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> </tbody> </table>	<u>Code</u>	<u>Name</u>	<u>Used</u>	PD	Purchasing contact	NAD+BY	SU	Supplier contact	NAD+SE			
<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'



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

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	M	AN	1/3				
		<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;">2</td> <td>Reference currency</td> </tr> </table>	<u>Code</u>	<u>Name</u>	2	Reference currency			
<u>Code</u>	<u>Name</u>								
2	Reference currency								
	6345	Currency, coded 3 character currency code, e.g. USD, GBP, EUR, etc.....	C	AN	1/3				
	6343	Currency qualifier	C	AN	1/3				
		<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;">9</td> <td>Order currency</td> </tr> </table>	<u>Code</u>	<u>Name</u>	9	Order currency			
<u>Code</u>	<u>Name</u>								
9	Order currency								

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
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 Sanmina-SCI's orderable part number	C	AN	1/35
	7143	Item number type, coded	C	AN	1/3
		<u>Code</u> BP			
		<u>Name</u> Buyer's part number			
	1131	Code list qualifier	N	AN	1/3
	3055	Code list responsible agency, coded	C	AN	1/3
		<u>Code</u> 92			
		<u>Name</u> 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	M	AN	1/3				
		<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 Supplier's part number	C	AN	1/35				
	7143	Item number type, coded	C	AN	1/3				
		<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;">Vendor's (seller's) part number</td> </tr> </table>	<u>Code</u>	<u>Name</u>	VP	Vendor's (seller's) part number			
<u>Code</u>	<u>Name</u>								
VP	Vendor's (seller's) part number								
	1131	Code list qualifier	N	AN	1/3				
	3055	Code list responsible agency, coded	C	AN	1/3				
		<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;">91</td> <td style="text-align: center;">Assigned by seller or seller's agent</td> </tr> </table>	<u>Code</u>	<u>Name</u>	91	Assigned by seller or seller's agent			
<u>Code</u>	<u>Name</u>								
91	Assigned by seller or seller's agent								

Segment Example:

PIA+1+MMBD914LT1:VP::91'



IMD ITEM DESCRIPTION

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

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	M	AN	1/3
		<u>Code</u> F		<u>Name</u> Free-form	
IMD020	7081	Item characteristic, coded	C	AN	1/3
		<u>Code</u> 3		<u>Name</u> Ship to stock	
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 Sanmina-SCI's narrative description of the part	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-SCI use 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 Sanmina-SCI aim to move to the standard of “21 = Ordered Quantity”. The value of “3” is currently used for historic reasons but we aim to migrate once approval is received from all vendors. In the meantime, please allow for both values.	M	AN	1/3
		<u>Code</u> 3		<u>Name</u> Cumulative Quantity	
	6060	Quantity Total line item quantity	M	N	1/15
	6411	Measure unit qualifier Unit of measure for the quantity in QTY010:6060	C	AN	1/3
		<u>Code</u> PCE		<u>Name</u> Pieces	

Segment Example:

QTY+3:6000:PCE'



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	M	AN	1/3
		<u>Code</u> AAA		<u>Name</u> Calculation net	
	5118	Price Sanmina-SCI's stored unit price for the orderable part	C	N	1/15
	5375	Price type, coded	C	AN	1/3
		<u>Code</u> CT		<u>Name</u> Contract	
	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	C	AN	1/3
		<u>Code</u> CT		<u>Name</u> Contract	

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

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	M	AN	1/3				
		<table border="0"> <tr> <td style="padding-right: 20px;"><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>LI</td> <td>Line item reference number</td> </tr> </table>	<u>Code</u>	<u>Name</u>	LI	Line item reference number			
<u>Code</u>	<u>Name</u>								
LI	Line item reference number								
	1154	Reference number	N						
	1156	Line number	C	AN	1/6				
		Line item reference number							

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>	<u>Name</u>
1	Firm

Segment Example:

SCC+I'



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	M	AN	1/3
		<u>Code</u> 21		<u>Name</u> Ordered quantity	
	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	
Group: Group 49	Elements: 1

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	M	AN	1/3				
		<table border="0"> <tr> <td style="padding-right: 20px;"><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>2</td> <td>Delivery date/time, requested</td> </tr> </table>	<u>Code</u>	<u>Name</u>	2	Delivery date/time, requested			
<u>Code</u>	<u>Name</u>								
2	Delivery date/time, requested								
	2380	Date/time/period Sanmina-SCI requested delivery date	C	AN	1/35				
	2379	Date/time/period format qualifier	C	AN	1/3				
		<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> </table>	<u>Code</u>	<u>Name</u>	102	CCYYMMDD			
<u>Code</u>	<u>Name</u>								
102	CCYYMMDD								

Segment Example:

DTM+2:20010326:102'



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>	<u>Name</u>
S	Detail/summary section separation

Segment Example:

UNS+S'



UNT MESSAGE TRAILER

Pos: 2330	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>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
- 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>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'



APPENDIX A – NAD Segment, Plant Addresses

LOCATION : Haukipudas, Finland (Plant E59)

BILL TO CODE

IRV-CENTRAL

SHIP TO CODE

FI-HKP01

BILL TO ADDRESS

Irvine Central – Shared Service Centre,
1 Crompton Way,
North Newmoor Industrial Estate,
Irvine,
Ayrshire,
KA11 4HU
United Kingdom

SHIP TO ADDRESS

Sanmina-SCI Systems Finland Oy
Teollisuustie 1
90830
Haukipudas
Finland

LOCATION : Fermoy, Ireland (Plant E55)

BILL TO CODE

IRV-CENTRAL

SHIP TO CODE

IRE-FER01

BILL TO ADDRESS

Irvine Central – Shared Service Centre,
1 Crompton Way,
North Newmoor Industrial Estate,
Irvine,
Ayrshire,
KA11 4HU
United Kingdom

SHIP TO ADDRESS

EMS PLANT E55 – Fermoy,
Sanmina-SCI,
Rathealy Road,
Fermoy,
Ireland

LOCATION : Gunzenhausen, Germany (Plant E56)

BILL TO CODE

GER-MASTER

SHIP TO CODE

GER-GUNZ

BILL TO ADDRESS

Sanmina-SCI Gunzenhausen,
Dept. RPR,
Lerchenstr. 1,
D-91710 Gunzenhausen,
Germany,

SHIP TO ADDRESS

Sanmina-SCI Gunzenhausen,
Incoming Inspection,
Lerchenstr. 1,
D-91710 Gunzenhausen,
Germany



LOCATION : Tel Aviv, Israel (Plant E71)

There are two possible billing scenarios for E71. Where the supplier is based in Israel, the bill_to code will be IL_PTK01. All other suppliers will receive the IRV-CENTRAL code.

BILL TO CODE

IRV-CENTRAL

SHIP TO CODE

IL-PTK01

BILL TO ADDRESS

Irvine Central – Shared Service Centre,
1 Crompton Way,
North Newmoor Industrial Estate,
Irvine,
Ayrshire,
KA11 4HU
United Kingdom

SHIP TO ADDRESS

Sanmina-SCI Systems Tel Aviv Ltd.
18 Hasivim St.
Petach-Tikva,
49192
Israel

OR

BILL TO CODE

IL-PTK01

SHIP TO CODE

IL-PTK01

BILL TO ADDRESS

Sanmina-SCI Systems Tel Aviv Ltd
18 Hasivim St
Petach-Tikva
49192
Israel

SHIP TO ADDRESS

Sanmina-SCI Systems Tel Aviv Ltd
18 Hasivim St
Petach-Tikva
49192
Israel

LOCATION : Ma'alot, Israel (Plant E72)

There are two possible billing scenarios for E72. Where the supplier is based in Israel, the bill_to code will be IL_MLT01. All other suppliers will receive the IRV-CENTRAL code.

BILL TO CODE

IRV-CENTRAL

SHIP TO CODE

IL-MLT01

BILL TO ADDRESS

Irvine Central – Shared Service Centre,
1 Crompton Way,
North Newmoor Industrial Estate,
Irvine,
Ayrshire,
KA11 4HU
United Kingdom

SHIP TO ADDRESS

Sanmina-SCI Israel EMS Ltd
Ha'melecha St.
Ma'alot Industrial Zone
24952
Israel

OR

BILL TO CODE

IL-MLT01

SHIP TO CODE

IL-MLT01

BILL TO ADDRESS

Sanmina-SCI Israel EMS Ltd
Ha'melecha St.
Ma'alot Industrial Zone
24952
Israel

SHIP TO ADDRESS

Sanmina-SCI Israel EMS Ltd
Ha'melecha St.
Ma'alot Industrial Zone
24952
Israel