

Electronic Components Industry Association Guideline

EDI Transaction Set 867 Product Transfer and Resale Report

X12 Version 4010

August 2013

ECIA's EDI Committee has reviewed this transaction set and made modifications that will benefit the electronics industry by simplifying the transaction focusing on industry specific needs.

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867 Product Transfer and Resale Report

Functional Group ID=**PT**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Product Transfer and Resale Report Transaction Set (867) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to: (1) report information about product that has been transferred from one location to another; (2) report sales of product from one or more locations to an end customer; or (3) report sales of a product from one or more locations to an end customer, and demand beyond actual sales (lost orders). Report may be issued by either buyer or seller.

Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BPT	Beginning Segment for Product Transfer and Resale	M	1		
	030	DTM	Date/Time Reference	O	2		
	060	REF	Reference Identification	O	1		
LOOP ID - N1						5	
Must Use	080	N1	Name	M	1		

Detail:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
LOOP ID - PTD						>1	
Must Use	010	PTD	Product Transfer and Resale Detail	M	1		
LOOP ID - N1						5	
Must Use	050	N1	Name	M	1		
1	070	N3	Address Information	O	2		
Must Use	080	N4	Geographic Location	M	1		
LOOP ID - QTY						>1	
Must Use	110	QTY	Quantity	M	1		
Must Use	120	LIN	Item Identification	M	1		
Must Use	130	UIT	Unit Detail	M	12		
Must Use	190	REF	Reference Identification	M	1		
	199	REF	Reference Identification	O	1		
Must Use	210	DTM	Date/Time Reference	M	10		
	215	DTM	Date/Time Reference	O	10		
Must Use	220	CUR	Currency	M	1		

Summary:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
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			LOOPID-CTT		
Must Use	010	CTT	Transaction Totals	M	nl
Must Use	030	SE	Transaction Set Trailer	M	

Transaction Set Notes

- L** The number of line items (CTTOL) is the accumulation of the number of LIN segments. If used, hash total (CTT02) is the sum of the value of quantities (QTY02) for each QTY segment.

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:

Data Element Summary			
Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
ST01	143	Transaction Set Identifier Code	M ID 3/3
		Code uniquely identifying a Transaction Set	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
ST02	329	Transaction Set Control Number	M AN 4/9
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	

Segment:	BPT Beginning Segment for Product Transfer and Resale
Position:	020
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the beginning of the Product Transfer and Resale Report Transaction Set and transmit identifying data
Syntax Notes:	1 If either BPT05 or BPT06 is present, then the other is required.
Semantic Notes:	1 BPT02 identifies the transfer/resale number. 2 BPT03 identifies the transfer/resale date. 3 Does not apply. 4 Does not apply.
Comments:	
Notes:	The BPT02 will be used to stop duplication of Resale Report Processing.

Data Element Summary

Ref.	Data	Element	Name	Attributes
BPT01	353	Transaction Set Purpose Code		M ID 2/2
			Code identifying purpose of transaction set	
			00 Original	
BPT02	127	Reference Identification		M AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
BPT03	373	Date		M DT 8/8
			Date expressed as CCYYMMDD	
			This date should represent the month of the file contents, not the date that the data is extracted from your system. For example, if you extract and send a file on August 4 that contains data for July 1 through July 31, the reporting date should be a day from July (July 15 or July 31). If the file contains data for multiple months, the reporting date should be a day from the last month contained in the file.	
BPT04	755	Report Type Code		O ID 2/2
			Code indicating the title or contents of a document, report or supporting item	
			02 Resale	

Segment: **DTM** Date/Time Reference
Position: 30
Loop:
Level: Header
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes:

- 1 At least one of DTM02 DTM03 or DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:
Comments:

Data Element Summary				
Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>
DTM01	374	Date/Time Qualifier	M	ID 3/3
		Code specifying type of date or time, or both date and time		
		193 Period Start		
		194 Period End		
DTM02	373	Date	X	DT 8/8
		Date expressed as CCYYMMDD		

Segment:	REF Reference Identification
Position:	060
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To specify identifying information
Syntax Notes:	1 If either C04003 or C04004 is present, then the other is required. 2 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 Does not apply.
Comments:	
Notes:	If used at this level, Reference Number will be used on all invoices created for this Resale Report. Used for Distributor Integrated Inventory Program ONLY.

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
REF01	128	Reference Identification Qualifier	M ID 2/3
		Code qualifying the Reference Identification	
		PO Purchase Order Number	
REF02	127	Reference Identification	O AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
		PO Number or Billing reference number to use as PO number on Invoice.	

Segment: **N1** Name
Position: 080
Loop: N1 Mandatory
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
Comments: 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2 Does not apply.

Data Element Summary			
Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
N101	98	Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		DB Distributor Branch	
		DS Distributor	
N102	93	Name	X AN 1/60
		Free-form name	
N103	66	Identification Code Qualifier	X ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
		1 D-U-N-S Number, Dun & Bradstreet	
		9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
		91 Assigned by Seller or Seller's Agent	
		92 Assigned by Buyer or Buyer's Agent	
N104	67	Identification Code	X AN 2/80
		Code identifying a party or other code	
		DISTRIBUTOR BRANCH NUMBER	

Segment: **PTD** **Product Transfer and Resale Detail**
Position: 010
Loop: PTD Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of detail information relating to the transfer/resale of a product and provide identifying data

Syntax Notes:

Semantic Notes:

Comments:

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
PTD01	521	Product Transfer Type Code Code identifying the type of product transfer	M ID 2/2
		SD Ship and Debit Sale	
		SS Stock Sale	

Segment: **N1** Name
Position: 050
Loop: N1 Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
Comments: 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2 Does not apply.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
N101	98	Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		EC Exchanger	
		EN End User	
		MA Party for whom Item is Ultimately Intended	
N102	93	Name	X AN 1/60
		Free-form name	
		END CUSTOMER NAME	
N103	66	Identification Code Qualifier	X ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
		1 D-U-N-S Number, Dun & Bradstreet	
		9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
		91 Assigned by Seller or Seller's Agent	
		92 Assigned by Buyer or Buyer's Agent	
N104	67	Identification Code	X AN 2/80
		Code identifying a party or other code	
		END CUSTOMER ACCOUNT NUMBER	

Segment: **N3** Address Information
Position: 070
Loop: N1 Mandatory
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary			
Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
N301	166	Address Information	M AN 1/55
		Address information	
N302	166	Address Information	O AN 1/55
		Address information	

Segment: **N4 Geographic Location**
Position: 080
Loop: N1 Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes:
Semantic Notes:
Comments:

- 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
- 2 N402 is required only if city name (N401) is in the U.S. or Canada.

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
N401	19	City Name Free-form text for city name	M AN 2/30
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/15
N404	26	Country Code Code identifying the country	M ID 2/3

Segment: QTY Quantity
Position: 110
Loop: QTY Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To specify quantity information
Syntax Notes:
Semantic Notes: 1 Does not apply.
Comments:

Data Element Summary			
Ref.	Data	Name	Attributes
Des.	Element		
QTY01	673	Quantity Qualifier	M ID 2/2
		Code specifying the type of quantity	
		32 Quantity Sold	
QTY02	380	Quantity	O R 1/15
		Numeric value of quantity	
QTY03	C001	Composite Unit of Measure	O
		To identify a composite unit of measure (See Figures Appendix for examples of use)	
C00101	355	Unit or Basis for Measurement Code	M ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		EA Each	

Segment: **LIN** **Item Identification**
Position: 120
Loop: QTY Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To specify basic item identification data
Syntax Notes:
Semantic Notes: 1 LIN01 is the line item identification
Comments: 1 See the Data Dictionary for a complete list of IDs.
2 LIN02 through LIN31 provides for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Data Element Summary			
Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
LIN01	350	Assigned Identification	O AN 1/20
		Alphanumeric characters assigned for differentiation within a transaction set	
LIN02	235	Product/Service ID Qualifier	M ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		VP	Vendor's (Seller's) Part Number
LIN03	234	Product/Service ID	M AN 1/48
		Identifying number for a product or service	
		PART NUMBER	

Segment: **UIT** **Unit Detail**
Position: 130
Loop: QTY Mandatory
Level: Detail
Usage: Mandatory
Max Use: 12
Purpose: To specify item unit data
Syntax Notes: 1 If UIT03 is present, then UIT02 is required.
Semantic Notes:
Comments:

Data Element Summary			
Ref.	Data	Name	Attributes
Des.	Element		
UIT01	C001	Composite Unit of Measure	M
		To identify a composite unit of measure (See Figures Appendix for examples of use)	
C00101	355	Unit or Basis for Measurement Code	M ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		EA Each	
UIT02	212	Unit Price	M R 1/17
		Price per unit of product, service, commodity, etc.	
UIT03	639	Basis of Unit Price Code	M ID 2/2
		Code identifying the type of unit price for an item	
		LE Distributor Cost	
		QE Quoted Cost	
		RE Retail Cost	

Segment: **REF** **Reference Identification**
Position: 190
Loop: QTY Mandatory
Level: Detail
Usage: Mandatory
Max Use: >1
Purpose: To specify identifying information
Syntax Notes: 1 If either C04003 or C04004 is present, then the other is required.
2 If either C04005 or C04006 is present, then the other is required.
Semantic Notes: 1 Does not apply.
Comments:

Data Element Summary			
Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
REF01	128	Reference Identification Qualifier	M ID 2/3
		Code qualifying the Reference Identification	
		DI Distributor Invoice Number	
REF02	127	Reference Identification	M AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

Segment:	REF Reference Identification
Position:	199
Loop:	QTY Mandatory
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying information
Syntax Notes:	1 If either C04003 or C04004 is present, then the other is required. 2 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 Does not apply.
Comments:	
Notes:	If sale was under a Ship & Debit Agreement, reference the agreement number this was sold under. Also PTD segment element 01 must contain a code of "SD" Ship and Debit Sale.

Data Element Summary			
Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
REF01	128	Reference Identification Qualifier	M ID 2/3
		Code qualifying the Reference Identification	
		AH Agreement Number	
		AU Authorization to Meet Competition Number	
REF02	127	Reference Identification	M AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
		Agreement Number for Ship & Debit.	

Segment: **DTM** **Date/Time Reference**
Position: 210
Loop: QTY Mandatory
Level: Detail
Usage: Mandatory
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes:

- 1 At least one of DTM02 DTM03 or DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:
Comments:

Data Element Summary			
Ref.	Data	Name	Attributes
Des.	Element		
DTM01	374	Date/Time Qualifier	M ID 3/3
		Code specifying type of date or time, or both date and time	
		003 Invoice	
		011 Shipped	
DTM02	373	Date	X DT 8/8
		Date expressed as CCYYMMDD	

Segment: CUR Currency

Position: 220
Loop: QTY Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To specify the currency (dollars, pounds, francs, etc.) used in a transaction
Syntax Notes:
Semantic Notes:
Comments: 1 See Figures Appendix for examples detailing the use of the CUR segment.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
CUR01	98	Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		SE Selling Party	
CUR02	100	Currency Code	M ID 3/3
		Code (Standard ISO) for country in whose currency the charges are specified	
		USD U.S. Dollars	
		CAD Canadian dollar	
		MXN Mexican Peso	

Segment: **CTT** **Transaction Totals**

Position: 010

Loop: CTT Mandatory

Level: Summary

Usage: Mandatory

Max Use: 1

Purpose: To transmit a hash total for a specific element in the transaction set

Syntax Notes:

- 1 If either CTT03 or CTT04 is present, then the other is required.
- 2 If either CTT05 or CTT06 is present, then the other is required.

Semantic Notes:

Comments:

- 1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
CTT01	354	Number of Line Items	M N0 1/6
		Total number of line items in the transaction set	
CTT02	347	Hash Total	M R 1/10
		Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ----- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field.	

Segment: **SE** Transaction Set Trailer
Position: 030
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Syntax Notes:

Semantic Notes:

Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

Ref. <u>Des.</u>	Data <u>Element</u>	<u>Name</u>	<u>Attributes</u>
SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M N0 1/10
SE02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9