



# **Electronic Components Industry Association Guideline**

## **EDI Transaction Set 832 Price Sales Catalog X12 Version 4010**

**May 2017**

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.

# 832 Price/Sales Catalog

Functional Group ID=SC

## Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Price/Sales Catalog Transaction Set (832) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to furnishing or requesting the price of goods or services in the form of a catalog.

## 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>
M	010	ST	Transaction Set Header	M	1		
M	020	BCT	Beginning Segment for Price/Sales Catalog	M	1		
	070	DTM	Date/Time Reference	O	10		
	090	CUR	Currency	O	5		

## 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 - LIN						
0100	LIN	Item Identification	M	1		
0140	LTD	Lead Time	O	1	1	
0150	G53	Maintenance Type	O	1		
0300	DTM	Date/Time Reference	O	1		
0400	REF	Reference identification	O	>1		
0600	CTB	Restrictions/Conditions	M	25		
0900	PO4	Item Physical Details	M	1		
LOOP ID - CTP						
170	CTP	Pricing Information	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>
M	010	CTT	Transaction Totals	O	1		
M	020	SE	Transaction Set Trailer	M	1		

**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

**Data Element Summary**

	<b>Ref.</b> <b>Des.</b>	<b>Data</b>		<b>Attributes</b>
		<b>Element</b>	<b>Name</b>	
M	<b>ST01</b>	<b>143</b>	<b>Transaction Set Identifier Code</b> Code uniquely identifying a Transaction Set	<b>M ID 3/3</b>
			832 Price/Sales Catalog	
M	<b>ST02</b>	<b>329</b>	<b>Transaction Set Control Number</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	<b>M AN 4/9</b>

**Segment:** **BCT** Beginning Segment for Price/Sales Catalog  
**Position:** 020  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the beginning of the Price/Sales Catalog Transaction Set and specify catalog purpose and number information

**Data Element Summary**

<b>Ref.</b>	<b>Des.</b>	<b>Data</b>		<b>Attributes</b>
		<b>Element</b>	<b>Name</b>	
M	<b>BCT01</b>	<b>683</b>	<b>Catalog Purpose Code</b>	<b>M ID 2/2</b>
			Code indicating purpose of catalog	
			PC                   Price Catalog	
	<b>BCT10</b>	<b>353</b>	<b>Transaction Set Purpose Code</b>	<b>O ID 2/2</b>
			Code identifying purpose of transaction set	
			00                   Original	
			Full Catalog	
			This code is used in conjunction with the G53 segment in the detail area.	
			04                   Change	
			Delta Catalog	

**Segment:** **DTM** Date/Time Reference  
**Position:** 070  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 10  
**Purpose:** To specify pertinent dates and times

#### Data Element Summary

	<u>Ref.</u>	<u>Data</u>		<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>M</u> <u>ID</u> <u>3/3</u>
M		<b>DTM01</b>	<b>374</b>	<b>Date/Time Qualifier</b>
				Code specifying type of date or time, or both date and time
			007	Effective – 007 is Mandatory
				Effective date of file. The date on which the set of prices becomes effective for this transmission.
			036	Expiration – 036 is Optional
				Expiration date of file. The date on which the set of prices expires for this transmission.
>>		<b>DTM02</b>	<b>373</b>	<b>Date</b>
				<b>X</b> <b>DT 8/8</b>
				Date expressed as CCYYMMDD

**Segment:** **CUR** Currency  
**Position:** 090  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 5  
**Purpose:** To specify the currency (dollars, pounds, francs, etc.) used in a transaction  
**Notes:** All parts are assumed this Currency unless otherwise marked at the detail level.

#### Data Element Summary

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

**Segment:** **LIN** Item Identification  
**Position:** 0100  
**Loop:** LIN  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To specify basic item identification data

<b>Data Element Summary</b>				
	<b>Ref. Des.</b>	<b>Data Element</b>	<b>Name</b>	<b>Attributes</b>
M	LIN02	235	<b>Product/Service ID Qualifier</b>	<b>M ID 2/2</b>
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			VP Vendor's (Seller's) Part Number	
M	LIN03	234	<b>Product/Service ID</b>	<b>M AN 1/20</b>
			Identifying number for a product or service	
	LIN04	235	<b>Product/Service ID Qualifier</b>	<b>X ID 2/2</b>
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			BP Buyer's Part Number	
			MT Major Product/Material/Machine Type	
			GPL – Global Product Line	
	LIN05	234	<b>Product/Service ID</b>	<b>X AN 1/48</b>
			Identifying number for a product or service	
	LIN06	235	<b>Product/Service ID Qualifier</b>	<b>X ID 2/2</b>
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			C3 Classification	
			CE Class of Contract Code	
			SI Standard Industrial Classification Code	
	LIN07	234	<b>Product/Service ID</b>	<b>X AN 1/48</b>
			Identifying number for a product or service	
	LIN08	235	<b>Product/Service ID Qualifier</b>	<b>X ID 2/2</b>
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			HD HTS code	
			CH Country of Origin Code	
	LIN09	234	<b>Product/Service ID</b>	<b>X AN 1/48</b>
			Identifying number for a product or service	
	LIN10	235	<b>Product/Service ID Qualifier</b>	<b>X ID 2/2</b>
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			PD Part description	
	LIN11	234	<b>Product/Service ID</b>	<b>X AN 1/48</b>
			Identifying number for a product or service	
	LIN12	235	<b>Product/Service ID Qualifier</b>	<b>X ID 2/2</b>
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			RA Return Code	
	LIN13	234	<b>Product/Service ID</b>	<b>X AN 1/1</b>
			Y or N Y=Returnable/N=Not Returnable	
	LIN14	235	<b>Product/Service ID Qualifier</b>	<b>X ID 2/2</b>

			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
<b>LIN15</b>	<b>234</b>	DE SD	Design Number Supplier Company Registry Number	X AN 1/ 48
<b>LIN16</b>	<b>235</b>	<b>Product/Service ID</b> Identifying number for a product or service		X ID 2/2
		<b>Product/Service ID</b> Code identifying the type/source of the descriptive number used in Product/Services ID (234)		
		KE MS	Military Standard Military Specification (MILSPEC) Number	
<b>LIN17</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service		X AN 1/48
<b>LIN18</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number in Product/Service ID (234)		X ID 4/4
		ROHS	ROHS status of the component	
<b>LIN19</b>	<b>234</b>	<b>Product/Service ID</b> Y = Yes N = No E= Exempt NA = Not Applicable		X AN 1/2
<b>LIN20</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Services ID (234)		X ID 2/2
		UP	Universal Product Code (U.P.C.)	
<b>LIN21</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service. UPC Code		X AN 1/48

## Segment: LTD Lead Time

**Position:** 0140  
**Loop:** LIN Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify lead time for availability of products and service

Data Element Summary					
	<u>Ref.</u>	<u>Data</u>	<u>Name</u>		<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>	<u>Restrictions/Conditions Qualifier</u>		<u>M</u> <u>ID</u> <u>2/2</u>
M		<b>LDT01</b>	<b>345</b>	Code indicating the time range AE From date of PO receipt to shipment	<b>M R 1/15</b>
M		<b>LDT02</b>	<b>380</b>	<b>Quantity</b> Numeric value of quantity	<b>M ID 2/2</b>
M		<b>LDT03</b>	<b>344</b>	<b>Unit of time period or interval</b> Code indicating the time period or interval	<b>M ID 2/2</b>
		<b>LDT04</b>	<b>373</b>	<b>Date</b>	<b>X DT8/8</b>

**Segment:** **G53** Maintenance Type  
**Position:** 0150  
**Loop:** LIN Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To identify the specific type of item maintenance

Data Element Summary				
	<u>Ref.</u>	<u>Data</u>		<u>Attributes</u>
M	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>ID</u> 3/3
	G5301	875	Maintenance Type Code	
			Code identifying the specific type of item maintenance	
		001	Change	
		ZZZ	Mutually Defined	
			No Change	

**Segment:** **DTM** Date/Time Reference  
**Position:** 0300  
**Loop:**  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify pertinent dates and times

#### Data Element Summary

	<u>Ref.</u>	<u>Data</u>		<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>M</u> <u>ID</u> <u>3/3</u>
M		<b>DTM01</b>	<b>374</b> Date/Time Qualifier	
			Code specifying type of date or time, or both date and time	
			007 Effective	
			Effective date. The date on which the set of prices becomes effective for this line item	
>>		<b>DTM02</b>	<b>373</b> Date	<b>X</b> <b>DT 8/8</b>
			Date expressed as CCYYMMDD	

Segment: **REF** Reference Identification

**Position:** 140  
**Loop:** LIN  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information

**Data Element Summary**

<b>Ref. Des.</b>	<b>Data Element</b>	<b>Name</b>	<b>Attributes</b>	
			<b>M</b>	<b>ID 2/3</b>
M	<b>REF01</b>	<b>128</b> <b>Reference Identification Qualifier</b>		
		Code qualifying the Reference Identification		
		HO                      Shipper's Hazardous Number		
		RF                      Export Reference Number		
		17                      Client Reporting Category		
	<b>REF02</b>	<b>127</b> <b>Reference Identification</b>		<b>X AN 1/30</b>
		Reference information as defined for a particular Transaction Set or as		
		specified by the Reference Identification Qualifier		
		Category ID when the REF01 = 17		
	<b>REF03</b>	<b>352</b> <b>Description</b>		<b>X AN 1/80</b>
		A free-form description to clarify the related data elements and their content		
		Sub-Category ID when the REF01 = 17		

**Segment:** **CTB** Restrictions/Conditions  
**Position:** 060  
**Loop:** LIN  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 25  
**Purpose:** To specify restrictions/conditions (such as shipping, ordering)

Data Element Summary					
	<u>Ref.</u>	<u>Data</u>	<u>Name</u>		<u>Attributes</u>
M	<u>Des.</u>	<u>Element</u>	<u>688</u>	<b>Restrictions/Conditions Qualifier</b>	<u>M</u> <u>ID</u> 2/2
	CTB01			Code identifying the type of restriction/condition OR Ordering	
	CTB03	673		<b>Quantity Qualifier</b> Code specifying the type of quantity 57 Minimum Order Quantity AP Order Quantity Multiple BP Break Pack Quantity 69 Package Quantity	X ID 2/2
	CTB04	380		<b>Quantity</b> Numeric value of quantity	X R 1/7

**Segment: PO4 Item Physical Details**

**Position:** 100  
**Loop:** LIN  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 1

**Data Element Summary**

<b>Ref.</b>	<b>Data</b>		<b>Attributes</b>
<b>Des.</b>	<b>Element</b>	<b>Name</b>	
PO402	357	<b>Size</b> Size of Supplier units in pack	X R 1/7
PO403	355	<b>Unit or Basis for Measurement Code</b>	X ID 2/2
PO404	103	<b>Packaging Code</b> REL – Reel TBE – Tube SPL – Spool ...	X ID 3/5

**Segment:** **CTP** Pricing Information  
**Position:** 170  
**Loop:** CTP  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To specify pricing information

#### Data Element Summary

Ref. <u>Des.</u>	Data <u>Element</u>	Name	<u>Attributes</u>
	<b>CTP01</b>	<b>687</b> <b>Class of Trade Code</b> Code indicating class of trade DI Distributor RS Resale	<b>O</b> <b>ID 2/2</b>
	<b>CTP02</b>	<b>236</b> <b>Price Identifier Code</b> Code identifying pricing specification	<b>X</b> <b>ID 3/3</b>
	<b>CTP03</b>	<b>212</b> <b>Unit Price</b> Price per unit of product, service, commodity, etc.	<b>X</b> <b>R 1/17</b>
	<b>CTP04</b>	<b>380</b> <b>Quantity</b> Numeric value of quantity Price break Min quantity. DI - The minimum qty at which a part must be purchased to get the associated price RS - The minimum qty at which a part must be purchased to get the associated price	<b>X</b> <b>R 1/7</b>
<b>M</b>	<b>CTP05</b>	<b>C001</b> <b>Composite Unit of Measure</b>	<b>X</b>
	<b>C00101</b>	<b>355</b> <b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken PC Piece	<b>M</b> <b>ID 2/2</b>
	<b>CTP09</b>	<b>639</b> <b>Basis of Unit Price Code</b> Code identifying the type of unit price for an item PE Price per Each PN Price per Ten HP Price per Hundred TP Price per Thousand ... Additional breakdown	<b>O</b> <b>ID 2/2</b>

**Segment:** **CTT** Transaction Totals  
**Position:** 010  
**Loop:**  
**Level:** Summary  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To transmit a hash total for a specific element in the transaction set

#### Data Element Summary

	<u>Ref.</u>	<u>Data</u>		<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
M	CTT01	354	Number of Line Items	M N0 1/6

Total number of line items in the transaction set  
 The number of LIN segments present in the transaction set

**Segment:** **SE** Transaction Set Trailer  
**Position:** 020  
**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)

#### Data Element Summary

Ref.	Data	Attributes
Des.	Element	Name
M	SE01	<b>96</b> <b>Number of Included Segments</b> Total number of segments included in a transaction set including ST and SE segments
M	SE02	<b>329</b> <b>Transaction Set Control Number</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set This must be the same number as is in the ST segment (ST02) for the transaction set.