



# **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			>1	
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 Deails	M	1		
		LOOP ID - CTP			100	
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>
	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**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 832 Price/Sales Catalog	M ID 3/3
M	ST02	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

**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**

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

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

**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>Data</u>	<u>Name</u>	<u>Attributes</u>
M	<b>CUR01</b>	<b>98 Entity Identifier Code</b>	<b>M ID 2/3</b>
		Code identifying an organizational entity, a physical location, property or an individual	
		SE Selling Party	
M	<b>CUR02</b>	<b>100 Currency Code</b>	<b>M ID 3/3</b>
		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

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	LIN02	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) VP Vendor's (Seller's) Part Number	M ID 2/2
M	LIN03	234	<b>Product/Service ID</b> Identifying number for a product or service	M AN 1/20
	LIN04	235	<b>Product/Service ID Qualifier</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	X ID 2/2
	LIN05	234	<b>Product/Service ID</b> Identifying number for a product or service	X AN 1/48
	LIN06	235	<b>Product/Service ID Qualifier</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	X ID 2/2
	LIN07	234	<b>Product/Service ID</b> Identifying number for a product or service	X AN 1/48
	LIN08	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) HD HTS code CH Country of Origin Code	X ID 2/2
	LIN09	234	<b>Product/Service ID</b> Identifying number for a product or service	X AN 1/48
	LIN10	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) PD Part description	X ID 2/2
	LIN11	234	<b>Product/Service ID</b> Identifying number for a product or service	X AN 1/48
	LIN12	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) RA Return Code	X ID 2/2
	LIN13	234	<b>Product/Service ID</b> Y or N Y=Returnable/N=Not Returnable	X AN 1/1
	LIN14	235	<b>Product/Service ID Qualifier</b>	X ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

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



**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**

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

**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>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	G5301	875	Maintenance Type Code	M ID 3/3
			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. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374	<b>Date/Time Qualifier</b> 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	M ID 3/3
>>	DTM02	373	<b>Date</b> Date expressed as CCYYMMDD	X DT 8/8

Segment: **REF** Reference Identification

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

**Data Element Summary**

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

**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>
	<u>Des.</u>	<u>Element</u>		
M	CTB01	688	<b>Restrictions/Conditions Qualifier</b> Code identifying the type of restriction/condition OR                      Ordering	M ID 2/2
	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**

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

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

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
CTP01	687	<b>Class of Trade Code</b> Code indicating class of trade DI Distributor RS Resale	O ID 2/2
CTP02	236	<b>Price Identifier Code</b> Code identifying pricing specification PBQ Unit Price Beginning Quantity	X ID 3/3
CTP03	212	<b>Unit Price</b> Price per unit of product, service, commodity, etc. The price at which the Vendor sells the part to the customer	X R 1/17
CTP04	380	<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	X R 1/7
CTP05	C001	<b>Composite Unit of Measure</b>	X
M C00101	355	<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	M ID 2/2
CTP09	639	<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	O ID 2/2

**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**

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M N0 1/10
M	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 This must be the same number as is in the ST segment (ST02) for the transaction set.	M AN 4/9