



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.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.Use</u>	<u>Loop</u> <u>Repeat</u>	<u>Notes and</u> <u>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.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.Use</u>	<u>Loop</u> <u>Repeat</u>	<u>Notes and</u> <u>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 Details	M	1		
LOOP ID - CTP 100						
170	CTP	Pricing Information	M	1		

Summary:

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.Use</u>	<u>Loop</u> <u>Repeat</u>	<u>Notes and</u> <u>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.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	Transaction Set Identifier Code	M ID 3/3
			Code uniquely identifying a Transaction Set	
			832 Price/Sales Catalog	
M	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: **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>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	BCT01	683	Catalog Purpose Code Code indicating purpose of catalog PC Price Catalog	M ID 2/2
	BCT10	353	Transaction Set Purpose Code 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	O ID 2/2

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>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374	Date/Time Qualifier	M ID 3/3
			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.	
>>	DTM02	373	Date	X DT 8/8
			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

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

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	LIN02	235	Product/Service ID Qualifier 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	Product/Service ID Identifying number for a product or service	M AN 1/20
	LIN04	235	Product/Service ID Qualifier 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	Product/Service ID Identifying number for a product or service	X AN 1/48
	LIN06	235	Product/Service ID Qualifier 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	Product/Service ID Identifying number for a product or service	X AN 1/48
	LIN08	235	Product/Service ID Qualifier 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	Product/Service ID Identifying number for a product or service	X AN 1/48
	LIN10	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) PD Part description	X ID 2/2
	LIN11	234	Product/Service ID Identifying number for a product or service	X AN 1/48
	LIN12	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) RA Return Code	X ID 2/2
	LIN13	234	Product/Service ID Y or N Y=Returnable/N=Not Returnable	X AN 1/1
	LIN14	235	Product/Service ID Qualifier	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		
LIN15	234	Product/Service ID		X	AN 1/ 48
		Identifying number for a product or service			
LIN16	235	Product/Service ID		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		
LIN17	234	Product/Service ID		X	AN 1/48
		Identifying number for a product or service			
LIN18	235	Product/Service ID Qualifier		X	ID 4/4
		Code identifying the type/source of the descriptive number in Product/Service ID (234)			
		ROHS	ROHS status of the component		
LIN19	234	Product/Service ID		X	AN 1/2
		Y = Yes			
		N = No			
		E= Exempt			
		NA = Not Applicable			
LIN20	235	Product/Service ID Qualifier		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.)		
LIN21	234	Product/Service ID		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				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	LDT01	345	Restrictions/Conditions Qualifier Code indicating the time range AE From date of PO receipt to shipment	M ID 2/2
M	LDT02	380	Quantity Numeric value of quantity	M R 1/15
M	LDT03	344	Unit of time period or interval Code indicating the time period or interval	M ID 2/2
	LDT04	373	Date	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.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374	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	M ID 3/3
>>	DTM02	373	Date 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.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
			HO Shipper's Hazardous Number	
			RF Export Reference Number	
			17 Client Reporting Category	
	REF02	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Category ID when the REF01 = 17	
	REF03	352	Description	X AN 1/80
			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>
	<u>Des.</u>	<u>Element</u>		
M	CTB01	688	Restrictions/Conditions Qualifier	M ID 2/2
			Code identifying the type of restriction/condition	
			OR	Ordering
	CTB03	673	Quantity Qualifier	X ID 2/2
			Code specifying the type of quantity	
			57	Minimum Order Quantity
			AP	Order Quantity Multiple
			BP	Break Pack Quantity
			69	Package Quantity
	CTB04	380	Quantity	X R 1/7
			Numeric value of quantity	

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			
Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
CTP01	687	Class of Trade Code Code indicating class of trade DI Distributor RS Resale	O ID 2/2
CTP02	236	Price Identifier Code Code identifying pricing specification PBQ Unit Price Beginning Quantity	X ID 3/3
CTP03	212	Unit Price 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	Quantity 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	Composite Unit of Measure	X
M C00101	355	Unit or Basis for Measurement Code 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	Basis of Unit Price Code 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>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</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>Des.</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