

Texas Instruments  
PIP Implementation Guideline



4C1 DistributeInventoryReport  
V02\_01\_00; 1; INBOUND



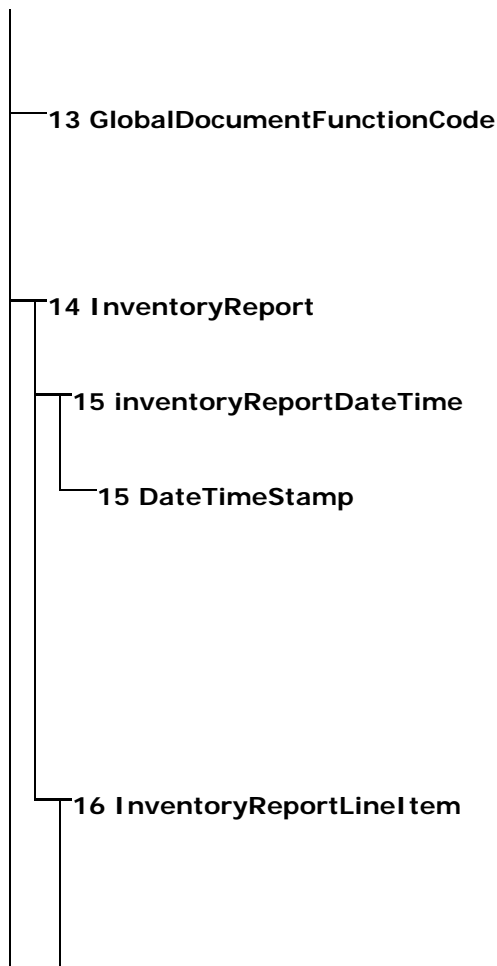
**Element / Attribute**

**Usage/Length Description**

Pip4C1InventoryReportNotification		Usage/Length	Description
1 fromRole		1..1	<b>Definition:</b> The role initiating a business document exchange. <b>Usage:</b> Required <b>Description:</b> TP information
1 PartnerRoleDescription		1..1	<b>Definition:</b> The collection of business properties that describe a business partners' role in a partner interface process. <b>Usage:</b> Required
2 ContactInformation		1..1	<b>Definition:</b> The collection of business properties that provide communication and address information for contacting a person, organization or business. <b>Usage:</b> Required <b>Comment:</b> Not used elements: 5 facsimileNumber
3 contactName		1..1	<b>Definition:</b> Name of the contact person(s) within the organization. <b>Usage:</b> Required
3 FreeFormText		1..1	<b>Definition:</b> Unformatted text. <b>Usage:</b> Required <b>Description:</b> Trading Partner Contact name
4 EmailAddress		1..1	<b>Definition:</b> Electronic mail address. <b>Usage:</b> Required <b>Description:</b> Trading Partner email address
6 telephoneNumber		1..1	<b>Definition:</b> The numerical schema designed to achieve contact via telephone. <b>Usage:</b> Required
6 CommunicationsNumber		1..1	<b>Definition:</b> The electro-technical communication number, e.g., telephone number, facsimile number, pager number. <b>Usage:</b> Required <b>Description:</b> Trading Partner phone no



Element / Attribute	Usage/Length	Description
7 GlobalPartnerRoleClassificationCode	1..1	<b>Definition:</b> Code identifying a party's role in the supply chain.
		<b>Usage:</b> Required
<b>Restricted Entity Instance</b>		
		<b>Inventory Information Provider</b> An organization that owns or holds inventory and provides information about this inventory to partners in the supply chain. This may be a distributor, contract manufacturer, supplier or OEM reporting inventory that they hold and/or own.
8 PartnerDescription	1..1	<b>Definition:</b> The collection of business properties that describe a business partners' identity and their function in a supply chain.
		<b>Usage:</b> Required
9 BusinessDescription	1..1	<b>Definition:</b> The collection of business properties that describe a business identity and location.
		<b>Usage:</b> Required
10 GlobalBusinessIdentifier	1..1	<b>Definition:</b> A unique business identifier. The DUNS number is specified by RosettaNet.
		<b>Usage:</b> Required
		<b>Preferred Value:</b> Trading Partner DUNS number
11 GlobalSupplyChainCode	1..1	<b>Definition:</b> Code identifying the supply chain for the partner's function.
		<b>Usage:</b> Required
<b>Restricted Entity Instance</b>		
		<b>Electronic Components</b> The electronic components supply chain.
12 GlobalPartnerClassificationCode	1..1	<b>Definition:</b> Code identifying a partner's function in the supply chain.
		<b>Usage:</b> Required
<b>Restricted Entity Instance</b>		
		<b>Contract Manufacturer</b> The party responsible for the services rendered.
		<b>Distribution Center</b> Product distributor in supply chain.
		<b>Distributor</b> Product distributor in supply chain.
		<b>End User</b> Product end user in supply chain.
		<b>Manufacturer</b> Product manufacturer in supply chain.
		<b>Original Equipment</b> Product manufacturer of original equipment in the supply chain.



Restricted Entity Instance	
<b>Manufacturer</b>	
<b>Whouser</b>	Product whouser in supply chain.
<b>1..1</b>	<b>Definition:</b> Code identifying the function of a document as either a request or a response. <b>Usage:</b> Required
Restricted Entity Instance	
<b>Request</b>	The business document is a request for a business action to be performed by a partner.
<b>1..1</b>	<b>Definition:</b> The collection of business properties that describe a product in inventory at a specific point in time. <b>Usage:</b> Required
<b>1..1</b>	<b>Definition:</b> The date and time stamp for which inventory information is captured for reporting. <b>Usage:</b> Required
<b>1..1</b>	<b>Definition:</b> Specifies an instance in time. Based on the ISO 8601 specification where "YYYY" represents the year, "MM" the month and "DD" the day. The letter "T" is the date/time separator and "hh", "mm", "ss.sss" represent hour, minute and second respectively. This representation is immediately followed by a "Z" to indicate Coordinated Universal Time. Informal format: YYYYMMDDThmmss <b>Usage:</b> Required <b>Description:</b> This business property is the date and timestamp for which inventory information is captured for reporting
<b>1..unbounded</b>	<b>Definition:</b> The collection of business properties that describe a product entry on an inventory report. <b>Usage:</b> Required <b>Comment:</b> Not used elements: 17 DocumentReference 23 IntraCompanyTransfer



Element / Attribute	Usage/Length	Description
22 GlobalProductUnitOfMeasureCode	1..1	<b>Definition:</b> Code identifying a product unit of measure. <b>Usage:</b> Required
<b>Restricted Entity Instance</b>		
<b>Each</b>		
84 inventoryLocation	1..1	<b>Definition:</b> The party where the inventory product entry is located. <b>Usage:</b> Required
84 PartnerDescription	1..1	<b>Definition:</b> The collection of business properties that describe a business partners' identity and their function in a supply chain. <b>Usage:</b> Required <b>Comment:</b> Not used elements: 92 ContactInformation
85 BusinessDescription	1..1	<b>Definition:</b> The collection of business properties that describe a business identity and location. <b>Constraint:</b> t least one occurrence of GlobalBusinessIdentifier or PartnerBusinessIdentification is mandatory. <b>Usage:</b> Required <b>Comment:</b> Not used elements: 86 businessName 88 PartnerBusinessIdentification
87 GlobalBusinessIdentifier	0..1	<b>Definition:</b> A unique business identifier. The DUNS number is specified by RosettaNet. <b>Usage:</b> Optional <b>Description:</b> DUNS number of the Partner holding the inventory
97 GlobalPartnerClassificationCode	1..1	<b>Definition:</b> Code identifying a partner's function in the supply chain. <b>Usage:</b> Required
<b>Restricted Entity Instance</b>		
<b>Contract Manufacturer</b>		The party responsible for the services rendered.
<b>Distribution Center</b>		Product distributor in supply chain.
<b>Distributor</b>		Product distributor in supply chain.
<b>End User</b>		Product end user in supply chain.





Element / Attribute	Usage/Length	Description
115 GlobalBusinessIdentifier	0..1	<p><b>Definition:</b> A unique business identifier. The DUNS number is specified by RosettaNet.</p> <p><b>Usage:</b> Optional</p> <p><b>Description:</b> DUNS number of the partner who owns the inventory</p>
120 InventoryProductQuantity	1..unbounded	<p><b>Definition:</b> The collection of business properties that describe the various types of product quantity held in inventory.</p> <p><b>Usage:</b> Required</p> <p><b>Comment:</b> Not used elements: 122 InventoryItemIdentification</p>
121 GlobalInventoryCode	1..1	<p><b>Definition:</b> Code identifying the inventory status of a quantity of product.</p> <p><b>Usage:</b> Required</p> <p><b>Comment:</b> Goods in transit from TI to the hub</p> <p><b>Preferred Value:</b> Available Consigned In transit between partners On Hold Work in Progress</p>
128 ProductQuantity	1..1	<p><b>Definition:</b> A quantity specifying the number of product units.</p> <p><b>Usage:</b> Required</p> <p><b>Description:</b> This entity is the quantity pertaining to the code on line 129.</p>
129 ProductIdentification	1..1	<p><b>Definition:</b> The collection of business properties that describe proprietary and global identifier information regarding a product.</p> <p><b>Constraint:</b> At least one occurrence of GlobalProductIdentifier or PartnerProductIdentification is mandatory.</p> <p><b>Usage:</b> Required</p>
130 GlobalProductIdentifier	0..1	<p><b>Definition:</b> Global unique product identifier. RosettaNet has adopted the Global Trade Identification Number (GTIN).</p> <p><b>Usage:</b> Optional</p>



Element / Attribute	Usage/Length	Description
131 PartnerProductIdentification	0..unbounded	<p><b>Definition:</b> The collection of business properties that describe proprietary part information.</p> <p><b>Usage:</b> Optional</p> <p><b>Comment:</b> Not used elements: 134 revisionIdentifier</p>
132 GlobalPartnerClassificationCode	1..1	<p><b>Definition:</b> Code identifying a partner's function in the supply chain.</p> <p><b>Usage:</b> Required</p>
<b>Restricted Entity Instance</b>		
133 ProprietaryProductIdentifier	1..1	<p><b>Manufacturer</b> Product manufacturer in supply chain.</p> <p><b>Definition:</b> An internal identifier used to identify a product.</p> <p><b>Usage:</b> Required</p> <p><b>Description:</b> TI Product number</p>
135 thisDocumentGenerationDateTime	1..1	<p><b>Definition:</b> The date-time stamp indicating when this document was generated.</p> <p><b>Usage:</b> Required</p>
135 DateTimeStamp	1..1	<p><b>Definition:</b> Specifies an instance in time. Based on the ISO 8601 specification where "YYYY" represents the year, "MM" the month and "DD" the day. The letter "T" is the date/time separator and "hh", "mm", "ss.sss" represent hour, minute and second respectively. This representation is immediately followed by a "Z" to indicate Coordinated Universal Time. Informal format: YYYYMMDDThmmss</p> <p><b>Usage:</b> Required</p> <p><b>Description:</b> PIP Creation Date and Time stamp</p>
136 thisDocumentIdentifier	1..1	<p><b>Definition:</b> Unique tracking identification number that identifies the business document being sent.</p> <p><b>Usage:</b> Required</p>





Element / Attribute	Usage/Length	Description
136 ProprietaryDocumentIdentifier	1..1	<b>Definition:</b> Unique identifier, i.e. a numeric value or alphanumeric value, for a business document. <b>Usage:</b> Required <b>Description:</b> Unique Document ID
137 toRole	1..1	<b>Definition:</b> The role receiving the document in a business document exchange. <b>Usage:</b> Required <b>Description:</b> TI Information
137 PartnerRoleDescription	1..1	<b>Definition:</b> The collection of business properties that describe a business partners' role in a partner interface process. <b>Usage:</b> Required <b>Comment:</b> Not used elements: 138 ContactInformation
143 GlobalPartnerRoleClassificationCode	1..1	<b>Definition:</b> Code identifying a party's role in the supply chain. <b>Usage:</b> Required
<b>Restricted Entity Instance</b>		
<b>Inventory Information User</b> An employee or organization that uses information about inventory.		
144 PartnerDescription	1..1	<b>Definition:</b> The collection of business properties that describe a business partners' identity and their function in a supply chain. <b>Usage:</b> Required
145 BusinessDescription	1..1	<b>Definition:</b> The collection of business properties that describe a business identity and location. <b>Usage:</b> Required
146 GlobalBusinessIdentifier	1..1	<b>Definition:</b> A unique business identifier. The DUNS number is specified by RosettaNet. <b>Usage:</b> Required <b>Description:</b> Global TI DUNS number "007321904"



Element / Attribute	Usage/Length	Description
147 GlobalSupplyChainCode	1..1	<b>Definition:</b> Code identifying the supply chain for the partner's function. <b>Usage:</b> Required Restricted Entity Instance
148 GlobalPartnerClassificationCode	1..1	<b>Electronic Components</b> The electronic components supply chain. <b>Definition:</b> Code identifying a partner's function in the supply chain. <b>Usage:</b> Required <b>Preferred Value:</b> Manufacturer

**Pip4C1InventoryReportNotification**

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**BusinessDescription**

**Definition**

The collection of business properties that describe a business identity and location.

**Children**

businessName	<i>The name of a business entity.</i>
GlobalBusinessIdentifier	<i>A unique business identifier. The DUNS number is specified by RosettaNet.</i>
GlobalSupplyChainCode	<i>Code identifying the supply chain for the partner's function.</i>
PartnerBusinessIdentification	<i>The collection of business properties that allow for the proprietary identification of a business entity.</i>
businessName	<i>The name of a business entity.</i>

**Used in**

- 8 PartnerDescription
- 84 PartnerDescription
- 113 inventoryOwner
- 144 PartnerDescription

**CommunicationsNumber**

<b>Type</b>	String	<b>Min</b>	1
<b>Repr</b>	X(30)	<b>Max</b>	30

**Definition**

The electro-technical communication number, e.g., telephone number, facsimile number, pager number.

**Used in**

- 6 telephoneNumber

**ContactInformation**

**Definition**

The collection of business properties that provide communication and address information for contacting

**Children**

contactName	<i>Name of the contact person(s) within the organization.</i>
EmailAddress	<i>Electronic mail address.</i>
facsimileNumber	<i>The numerical schema designed to achieve contact via facsimile.</i>
telephoneNumber	<i>The numerical schema designed to achieve contact via telephone.</i>

**Used in**

- 1 PartnerRoleDescription

**contactName**

**Definition**

Name of the contact person(s) within the organization.

**Pip4C1InventoryReportNotification**

Version: 4C1 DistributeInventoryReport V02\_01\_00; 1; INBOUND

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**Children**

FreeFormText *Unformatted text.*

---

**Used in**

2 ContactInformation

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**DateTimeStamp**

<b>Type</b>	DateTime	<b>Min</b>	13
<b>Repr</b>	9(8)X9(6)V9(3)X	<b>Max</b>	20

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**Definition**

Specifies an instance in time. Based on the ISO 8601 specification where "YYYY" represents the year, "M

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**Used in**

15 inventoryReportDateTime  
135 thisDocumentGenerationDateTime

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**EmailAddress**

<b>Type</b>	String	<b>Min</b>	1
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**Definition**

Electronic mail address.

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**Used in**

2 ContactInformation

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**FreeFormText**

<b>Type</b>	String	<b>Min</b>	1
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---

**Definition**

Unformatted text.

---

**Attributes**

xml:lang

---

**Used in**

3 contactName

---

**fromRole**

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**Definition**

The role initiating a business document exchange.

---

**Children**

PartnerRoleDescription *The collection of business properties that describe a business partners' role in a partner interface process.*

---

**Used in**

Pip4C1InventoryReportNotification

**Pip4C1InventoryReportNotification**

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<b>GlobalBusinessIdentifier</b>	<b>Type</b> Integer	<b>Min</b> 9
	<b>Repr</b> 9(9)	<b>Max</b> 9

**Definition**

A unique business identifier. The DUNS number is specified by RosettaNet.

**Used in**

9 BusinessDescription  
 85 BusinessDescription  
 113 BusinessDescription  
 145 BusinessDescription

<b>GlobalDocumentFunctionCode</b>	<b>Type</b> String	<b>Min</b> 1
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**Definition**

Code identifying the function of a document as either a request or a response.

**Entity Instances**

Request	<i>The business document is a request for a business action to be performed by a partner.</i>
Response	<i>The business document is a response to a requesting partner.</i>

**Used in**

Pip4C1InventoryReportNotification

<b>GlobalInventoryCode</b>	<b>Type</b> String	<b>Min</b> 1
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**Definition**

Code identifying the inventory status of a quantity of product.

**Entity Instances**

Available Committed Consigned  
 Defective Finished Goods In  
 Transit Between Partners In  
 Transit Within Partner Non-  
 saleable On Hold Open Box  
 Quality Assurance Raw Work In  
 Process

**Used in**

120 InventoryProductQuantity

<b>GlobalLocationIdentifier</b>	<b>Type</b> Integer	<b>Min</b> 13
	<b>Repr</b> 9(13)	<b>Max</b> 13

**Definition**

Location uniquely identified by the DUNS +4 number.

**Pip4C1InventoryReportNotification**

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**Used in**

98 PhysicalLocation

**GlobalPartnerClassificationCode**

Type String

Min 1

**Definition**

Code identifying a partner's function in the supply chain.

**Entity Instances**

Broker	<i>Representative of a third party.</i>
Carrier	<i>Product carrier for transporting goods in supply chain.</i>
Contract Manufacturer	<i>The party responsible for the services rendered.</i>
Customs Broker	<i>Product customs broker in supply chain.</i>
Distribution Center	<i>Product distributor in supply chain.</i>
Distributor	<i>Product distributor in supply chain.</i>
End User	<i>Product end user in supply chain.</i>
End User Government	<i>End user government.</i>
Financier	<i>Financial service provider in supply chain</i>
Forecast Reply Recipient	<i>The party that receives a forecast reply. The Recipient can be the original forecast owner or other forecast partner (Please refer to the GlobalPartnerClassificationCode).</i>
Freight Forwarder	<i>Product freight forwarder for transporting goods in supply chain.</i>
Manufacturer	<i>Product manufacturer in supply chain.</i>
Original Equipment Manufacturer	<i>Product manufacturer of original equipment in the supply chain.</i>
Reseller	<i>The party who buys goods from a manufacturer and resells them to customers unchanged.</i>
Retailer	<i>Product retailer in supply chain.</i>
Shopper	<i>Product shopper in supply chain.</i>
Warehouser	<i>Product warehouser in supply chain.</i>

**Used in**

8 PartnerDescription  
 84 PartnerDescription  
 131 PartnerProductIdentification  
 144 PartnerDescription

**GlobalPartnerRoleClassificationCode**

Type String

Min 1

**Definition**

Code identifying a party's role in the supply chain.

**Entity Instances**

Inventory Information Provider	<i>An organization that owns or holds inventory and provides information about this inventory to partners in the supply chain. This may be a distributor, contract manufacturer, supplier or OEM reporting inventory that they hold and/or own.</i>
Inventory Information User	<i>An employee or organization that uses information about inventory.</i>

**Used in**

1 PartnerRoleDescription  
 137 PartnerRoleDescription

**Pip4C1InventoryReportNotification**

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<b>GlobalProductIdentifier</b>	<b>Type</b> String	<b>Min</b> 14
	<b>Repr</b> 9(14)	<b>Max</b> 14

**Definition**

Global unique product identifier. RosettaNet has adopted the Global Trade Identification Number (GTIN).

**Used in**

129 ProductIdentification

<b>GlobalProductUnitOfMeasureCode</b>	<b>Type</b> String	<b>Min</b> 1
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**Definition**

Code identifying a product unit of measure.

**Entity Instances**

- 10 Kilogram Drum
- 15 Kilogram Drum
- 20 Foot Container
- 25 Kilogram Bulk Bag
- 40 Foot Container
- 50 Pound Bag
- 55 Gallon Drum
- 100 Pound Drum
- 100 Board Feet
- 115 Kilogram Drum
- 300 Kilogram Bulk Bag
- 500 Kilogram Bulk Bag
- 10,000 Gallon Tankcar
- 10-pack
- 100-Pack
- 1000-pack
- 20,000 Gallon Tankcar
- 20-Pack
- 50-pack
- Acre
- Actual Pounds
- Aluminum Pounds Only
- Ampere
- Bag
- Bale
- Ball
- Band
- Bar
- Barrel
- Barrel, Imperial
- Barrels Per Day
- Barrels Per Minute
- Base Box
- Base Weight
- Basket
- Batch
- Batt
- Batting Pound

**Entity Instances**

Beam  
Becquerel/kilogram  
Belt  
Billet  
Bin  
Block  
Board  
Board Feet  
Bolt  
Bottle  
Box  
British Thermal Unit (BTU)  
British Thermal Units (BTUs) Per  
Cubic Foot  
British Thermal Units (BTUs) Per  
Pound  
Bucket  
Bulk  
Bulk Car Load  
Bulk Pack  
Bundle  
Bunks  
Bushel  
Bushel, Dry Imperial  
Calorie  
Can  
Candela  
Canister  
Car  
Carat  
Carboy  
Card  
Carload  
Carton  
Cartridge  
Case  
Cask  
Cassette  
Catchweight  
Cell  
Centiliter  
Centimeter  
Centipoise (CPS)  
Chains (Land Survey)  
Chest  
Coil  
Coil Group  
Composite Product Pounds (Total  
Weight)  
Cone  
Connector  
Container  
Cover  
Crate  
Cubic Foot  
Cubic centimeter  
Cubic centimeter/second  
Cubic inch



**Entity Instances**

Cubic yard  
Cubicmeter  
Cup  
Cycles  
Cylinder  
Day  
Deal  
Decimeter  
Degree Celsius  
Degree Fahrenheit  
Dep. Factor  
Die  
Disk (Disc)  
Dispenser  
Display  
Dozen  
Dram  
Drum  
Dry Pounds  
Each  
Electrical Capacitance  
Fluid Ounce  
Fluid Ounce (Imperial)  
Fluid Ounce US  
Foot  
Fuel Usage (Gallons)  
Gage Systems  
Gallon  
Gigajoules  
Gill (Imperial)  
Grain  
Gram  
Gram/Cubic Centimeter  
Gram/square meter  
Grams Per 100 Centimeters  
Grams Per 100 Grams  
Grams Per Cubic Centimeter  
Grams Per Kilogram  
Grams Per Liter  
Grams Per Milliliter  
Grams Per Square Centimeter  
Grams Per Square Meter  
Great Gross (Dozen Gross)  
Gross  
Gross Barrels  
Gross Gallons  
Gross Kilogram  
Gross Ton  
Gross Yard  
Group  
Half Gallon  
Half Hour  
Half Liter  
Hank  
Heat lots  
Hectare  
Hectoliter  
Hectopascal

**Entity Instances**

Hertz  
Hour  
Hours  
Hundred Boxes  
Hundred Count  
Hundred Sheets  
Hundredth of a Carat  
Imperial Gallons  
Inch  
Jar  
Joint  
Joule  
Keg  
Kelvin  
Kiloampere  
Kilobecquerel/Kilogram  
Kilogram  
Kilogram per cubic meter  
Kilogram/Kilogram  
Kilogram/square meter  
Kilogramm pro Sekunde  
Kilohertz  
Kilojoule  
Kilometer  
Kilometer/hour  
Kiloohm  
Kilovolt  
Kilowatt  
Kilowatt-hour  
Kit  
Kubikdezimeter  
Kubikmeter pro Sekunde  
Lifts  
Link  
Liquid Pounds  
Liter  
Load  
Lot  
Lug  
Mat  
Megagram  
Megagrams Per Hour  
Megahertz  
Megapascal  
Megawatt  
Meter  
Meter pro Quadratsekunde  
Meters per second  
Micrograms Per Cubic Meter  
Micrometer  
Microsecond  
Mikrogram/cubic meter  
Mile  
Milliampere  
Millibar  
Milligram/Liter  
Milligram/cubic meter  
Milligram/kilogram

**Entity Instances**

Milligrams Per Cubic Meter  
Milligrams Per Square Meter  
Millijoule  
Milliliter  
Millimeter  
Millimeter H2O  
Millimol  
Millimol/kilogram  
Million BTU's  
Millipascal seconds  
Millisecond  
Millitesla  
Millivolt  
Milliwatt  
Minute  
Miter  
Mol  
Mol/kilogram  
Month  
Multichip  
Nanometer  
Nanosecond  
Net Barrels  
Net Gallons  
Net Imperial Gallons  
Net Liters  
Newton  
Ohm  
One  
One Thousand Pieces  
Ounce  
Pack (PAK)  
Package  
Packet  
Pad  
Pail  
Pair  
Pallet  
Pallet (Lift)  
Pallet/Unit Load  
Pallete  
Panel  
Parcel  
Parts per billion (US)  
Parts per million  
Pascal  
Pascal second  
Pennyweight  
Per Hundred Pieces  
Percent  
Percent Per 1000 Hours  
Percent Weight  
Percentage  
Piece  
Pint - US liquid  
Pint U.S. Dry  
Plate  
Pound

*When 2 or more dies (chips) are merged into one package.*

**Entity Instances**

Pounds Per 1000 Square Feet

Pounds Per Foot

Pounds Per Gallon

Pounds Per Piece of Product

Pounds Per Pound of Product

Pounds Per Thousand

Quart - US liquid

Rack

Ream of 500 Sheets

Reel

Ring

Rod

Roll

SET

*Mask Set (SET)*

Sack

Second

Set

Sheet

Sheet-Metric measure

Shipment

Shot

Skein

Skid

Sleeve

Slip Sheet

Spool

Square

Square Yard

Square foot

Square inch

Square kilometer

Square meter

Square meter/second

Square mile

Square millimeter

Statute Mile

Stick

Strip

Super Bulk Bag

Tablet

Tank

Tank Truck

Tesla

Thousand

Ton

Tonne

Torr

Tote

Track Foot

Trailer

Train

Tray

Troy

Troy OZ

Truckload

Tube

US gallon

US pound

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**Entity Instances**

US ton  
Unitless Unit of Measure  
Vial  
Volt  
WF *Wafer (WF)*  
Wafer  
Watt  
Week  
Wrap  
Yard  
Year

---

**Used in**

16 InventoryReportLineItem

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<b>GlobalSupplyChainCode</b>	<b>Type</b> String	<b>Min</b> 1
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**Definition**

Code identifying the supply chain for the partner's function.

---

**Entity Instances**

Electronic Components *The electronic components supply chain.*  
Information Technology *The information technology supply chain.*  
Semiconductor Manufacturing *The semiconductor manufacturing supply chain.*

---

**Used in**

9 BusinessDescription  
145 BusinessDescription

---

**inventoryLocation**

---

**Definition**

The party where the inventory product entry is located.

---

**Children**

PartnerDescription *The collection of business properties that describe a business partners' identity and their function in a supply chain.*

---

**Used in**

16 InventoryReportLineItem

---

**inventoryOwner**

---

**Definition**

The party that owns the inventory product entry.

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---

**Children**

BusinessDescription *The collection of business properties that describe a business identity and location.*

---

**Used in**

16 InventoryReportLineItem

---

**InventoryProductQuantity**

---

**Definition**

The collection of business properties that describe the various types of product quantity held in inventory.

---

**Children**

GlobalInventoryCode *Code identifying the inventory status of a quantity of product.*  
InventoryItemIdentification *The collection of business properties that describes an individual item held in inventory.*  
ProductQuantity *A quantity specifying the number of product units.*

---

**Used in**

16 InventoryReportLineItem

---

**InventoryReport**

---

**Definition**

The collection of business properties that describe a product in inventory at a specific point in time.

---

**Children**

inventoryReportDateTime *The date and time stamp for which inventory information is captured for reporting.*  
InventoryReportLineItem *The collection of business properties that describe a product entry on an inventory report.*

---

**Used in**

Pip4C1InventoryReportNotification

---

**inventoryReportDateTime**

---

**Definition**

The date and time stamp for which inventory information is captured for reporting.

---

**Children**

DateTimeStamp *Specifies an instance in time. Based on the ISO 8601 specification where "YYYY" represents the year, "MM" the month and "DD" the day. The letter "T" is the date/time separator and "hh", "mm", "ss.sss" represent hour, minute and second respectively. This representation is immediately followed by a "Z" to indicate Coordinated Universal Time. Informal format: YYYYMMDDThhmmss*

---

**Used in**

14 InventoryReport

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**InventoryReportLineItem**

**Definition**

The collection of business properties that describe a product entry on an inventory report.

---

**Children**

DocumentReference	<i>The collection of business properties that allows the description of multiple proprietary documents.</i>
GlobalProductUnitOfMeasureCode	<i>Code identifying a product unit of measure.</i>
IntraCompanyTransfer	<i>The collection of business properties that describes a quantity of product stock in transit within a partner.</i>
inventoryLocation	<i>The party where the inventory product entry is located.</i>
inventoryOwner	<i>The party that owns the inventory product entry.</i>
InventoryProductQuantity	<i>The collection of business properties that describe the various types of product quantity held in inventory.</i>
ProductIdentification	<i>The collection of business properties that describe proprietary and global identifier information regarding a product.</i>

---

**Used in**

14 InventoryReport

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**PartnerDescription**

**Definition**

The collection of business properties that describe a business partners' identity and their function in a sup

---

**Children**

BusinessDescription	<i>The collection of business properties that describe a business identity and location.</i>
ContactInformation	<i>The collection of business properties that provide communication and address information for contacting a person, organization or business.</i>
GlobalPartnerClassificationCode	<i>Code identifying a partner's function in the supply chain.</i>
PhysicalLocation	<i>The collection of business properties that identify and describe the actual physical location of an entity as prescribed by local postal authorities, including country identification.</i>

---

**Used in**

1 PartnerRoleDescription  
84 inventoryLocation  
137 PartnerRoleDescription

---

**PartnerProductIdentification**

**Definition**

The collection of business properties that describe proprietary part information.

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**Children**

GlobalPartnerClassificationCode	<i>Code identifying a partner's function in the supply chain.</i>
ProprietaryProductIdentifier	<i>An internal identifier used to identify a product.</i>
revisionIdentifier	<i>Free form text that identifies a revision to a proprietary serial number.</i>

---

**Used in**

129 ProductIdentification

---

**PartnerRoleDescription**

---

**Definition**

The collection of business properties that describe a business partners' role in a partner interface process.

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**Children**

ContactInformation	<i>The collection of business properties that provide communication and address information for contacting a person, organization or business.</i>
GlobalPartnerRoleClassificationCode	<i>Code identifying a party's role in the supply chain.</i>
PartnerDescription	<i>The collection of business properties that describe a business partners' identity and their function in a supply chain.</i>

---

**Used in**

1 fromRole  
137 toRole

---

**PhysicalLocation**

---

**Definition**

The collection of business properties that identify and describe the actual physical location of an entity as

---

**Children**

GlobalLocationIdentifier	<i>Location uniquely identified by the DUNS +4 number.</i>
PartnerLocationIdentification	<i>The collection of business properties that allow for the proprietary identification of a business location.</i>
PhysicalAddress	<i>The actual physical location of an entity as prescribed by local postal authorities, including country identification as it relates to the party or a product.</i>

---

**Used in**

84 PartnerDescription

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**Pip4C1InventoryReportNotification**

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**Children**

fromRole	<i>The role initiating a business document exchange.</i>
GlobalDocumentFunctionCode	<i>Code identifying the function of a document as either a request or a response.</i>



**Pip4C1InventoryReportNotification**

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**Children**

InventoryReport	<i>The collection of business properties that describe a product in inventory at a specific point in time.</i>
thisDocumentGenerationDateTime	<i>The date-time stamp indicating when this document was generated.</i>
thisDocumentIdentifier	<i>Unique tracking identification number that identifies the business document being sent.</i>
toRole	<i>The role receiving the document in a business document exchange.</i>

**Used in**

Pip4C1InventoryReportNotification

**ProductIdentifier**

**Definition**

The collection of business properties that describe proprietary and global identifier information regarding

**Children**

GlobalProductIdentifier	<i>Global unique product identifier. RosettaNet has adopted the Global Trade Identification Number (GTIN).</i>
PartnerProductIdentification	<i>The collection of business properties that describe proprietary part information.</i>

**Used in**

16 InventoryReportLineItem

**ProductQuantity**

**Type** Real **Min** 1

**Definition**

A quantity specifying the number of product units.

**Used in**

120 InventoryProductQuantity

**ProprietaryDocumentIdentifier**

**Type** String **Min** 1

**Definition**

Unique identifier, i.e. a numeric value or alphanumeric value, for a business document.

**Used in**

136 thisDocumentIdentifier

**ProprietaryProductIdentifier**

**Type** String **Min** 1

**Definition**

An internal identifier used to identify a product.

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**Used in**

131 PartnerProductIdentification

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**telephoneNumber**

**Definition**

The numerical schema designed to achieve contact via telephone.

**Children**

CommunicationsNumber *The electro-technical communication number, e.g., telephone number, facsimile number, pager number.*

**Used in**

2 ContactInformation

---

**thisDocumentGenerationDateTime**

**Definition**

The date-time stamp indicating when this document was generated.

**Children**

DateTimeStamp *Specifies an instance in time. Based on the ISO 8601 specification where "YYYY" represents the year, "MM" the month and "DD" the day. The letter "T" is the date/time separator and "hh", "mm", "ss. sss" represent hour, minute and second respectively. This representation is immediately followed by a "Z" to indicate Coordinated Universal Time. Informal format: YYYYMMDDThhmmss*

**Used in**

Pip4C1InventoryReportNotification

---

**thisDocumentIdentifier**

**Definition**

Unique tracking identification number that identifies the business document being sent.

**Children**

ProprietaryDocumentIdentifier *Unique identifier, i.e. a numeric value or alphanumeric value, for a business document.*

**Used in**

Pip4C1InventoryReportNotification

---

**toRole**

**Pip4C1InventoryReportNotification**

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**Definition**

The role receiving the document in a business document exchange.

---

**Children**

PartnerRoleDescription *The collection of business properties that describe a business partners' role in a partner interface process.*

---

**Used in**

Pip4C1InventoryReportNotification

---

**xsd:string**

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**Used in**

- 3 FreeFormText
- 4 EmailAddress
- 6 CommunicationsNumber
- 7 GlobalPartnerRoleClassificationCode
- 10 GlobalBusinessIdentifier
- 11 GlobalSupplyChainCode
- 12 GlobalPartnerClassificationCode
- 13 GlobalDocumentFunctionCode
- 15 DateTimeStamp
- 22 GlobalProductUnitOfMeasureCode
- 87 GlobalBusinessIdentifier
- 97 GlobalPartnerClassificationCode
- 99 GlobalLocationIdentifier
- 115 GlobalBusinessIdentifier
- 121 GlobalInventoryCode
- 128 ProductQuantity
- 130 GlobalProductIdentifier
- 132 GlobalPartnerClassificationCode
- 133 ProprietaryProductIdentifier
- 135 DateTimeStamp
- 136 ProprietaryDocumentIdentifier
- 143 GlobalPartnerRoleClassificationCode
- 146 GlobalBusinessIdentifier
- 147 GlobalSupplyChainCode
- 148 GlobalPartnerClassificationCode