

Texas Instruments
PIP Implementation Guideline



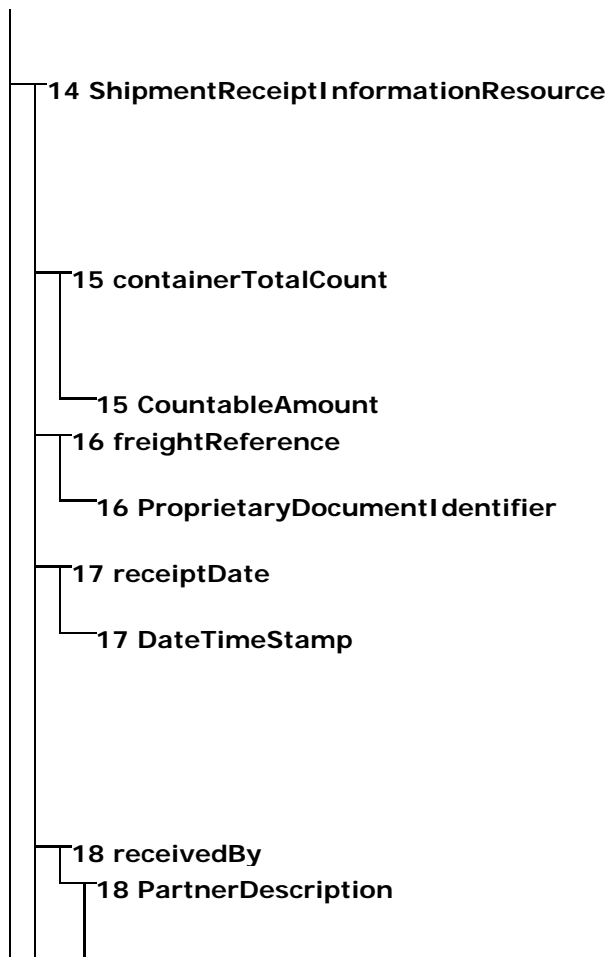
4B2 ShipmentReceiptNotification
V01_00_00; 1; INBOUND



Element / Attribute	Usage/Length	Description
Pip4B2ShipmentReceiptNotification		
1 fromRole	1..1	Definition: The role initiating a business document exchange. Usage: Required
1 PartnerRoleDescription	1..1	Definition: The collection of business properties that describe a business partners' role in a partner interface process. Usage: Required
2 ContactInformation	1..1	Definition: The collection of business properties that provide communication and address information for contacting a person, organization or business. Usage: Required Comment: Not used elements: 5 facsimileNumber
3 contactName	1..1	Definition: Name of the contact person(s) within the organization. Usage: Required Description: Customer Contact Name
3 FreeFormText	1..1	Definition: Unformatted text.
4 EmailAddress	1..1	Definition: Electronic mail address. Usage: Optional Description: Customer e-mail address
6 telephoneNumber	1..1	Definition: The numerical schema designed to achieve contact via telephone.
6 CommunicationsNumber	1..1	Definition: The electro-technical communication number, e.g., telephone number, facsimile number, pager number. Usage: Optional Description: Customer telephone number
7 GlobalPartnerRoleClassificationCode	1..1	Definition: Code identifying a party's role in the supply chain. Usage: Required Preferred Value: Consignee



Element / Attribute	Usage/Length	Description
8 PartnerDescription	1..1	<p>Definition: The collection of business properties that describe a business partners' identity, their contact information, where they are physical located and their function in a supply chain.</p> <p>Constraint: If GlobalBusinessIdentifier is not used, then PhysicalAddress is required.</p> <p>Usage: Required</p>
9 BusinessDescription	1..1	<p>Definition: The collection of business properties that describe a business identity and location.</p> <p>Usage: Required</p> <p>Comment: Not used elements: 11 GlobalSupplyChainCode</p>
10 GlobalBusinessIdentifier	1..1	<p>Definition: A unique business identifier. The DUNS number is specified by RosettaNet.</p> <p>Usage: Required</p> <p>Description: Customer DUNS number</p>
12 GlobalPartnerClassificationCode	1..1	<p>Definition: Code identifying a partner's function in the supply chain.</p> <p>Usage: Optional</p>
Restricted Entity Instance		
		Distribution Center Product distributor in supply chain.
		Distributor Product distributor in supply chain.
		End User Product end user in supply chain.
		Manufacturer Product manufacturer in supply chain.
		Original Equipment Manufacturer Product manufacturer of original equipment in the supply chain.
		Manufacturer
		Warehouser Product warehouser in supply chain.
13 GlobalDocumentFunctionCode	1..1	<p>Definition: Code identifying the function of a document as either a request or a response.</p> <p>Usage: Required</p>
Restricted Entity Instance		
		Request The business document is a request for a business action to be



Restricted Entity Instance	
	performed by a partner.
1..unbounded	<p>Definition: The collection of business properties that describe the receiving status of shipments received by consignee.</p> <p>Usage: Required</p> <p>Comment: Not used elements: 47 receivedFrom 110 transportedBy</p>
1..1	<p>Definition: Indicates the total number of containers in the shipment that belong to this shipping order. This is usually the total number of packed cartons.</p> <p>Usage: Required</p>
1..1	<p>Definition: Dimensionless magnitude, e.g. number of products.</p>
0..1	<p>Definition: A reference identifier for the shipment, such as the Bill Of Lading.</p>
1..1	<p>Definition: Unique identifier, i.e. a numeric value or alphanumeric value, for a business document.</p>
1..1	<p>Definition: The date a product or service is received.</p> <p>Usage: Required</p>
1..1	<p>Definition: 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>
0..1	<p>Definition: The party who has received a product shipment.</p>
1..1	<p>Definition: The collection of business properties that describe a business partners' identity, their contact information, where they are physical located and their function in a supply chain.</p>



Element / Attribute	Usage/Length	Description
19 BusinessDescription	1..1	Definition: The collection of business properties that describe a business identity and location. Comment: Not used elements: 20 businessName 22 PartnerBusinessIdentification
21 GlobalBusinessIdentifier	0..1	Definition: A unique business identifier. The DUNS number is specified by RosettaNet.
26 ContactInformation	0..1	Definition: The collection of business properties that provide communication and address information for contacting a person, organization or business. Comment: Not used elements: 29 facsimileNumber
27 contactName	1..1	Definition: Name of the contact person(s) within the organization.
27 FreeFormText	1..1	Definition: Unformatted text.
28 EmailAddress	1..1	Definition: Electronic mail address.
30 telephoneNumber	0..1	Definition: The numerical schema designed to achieve contact via telephone.
30 CommunicationsNumber	1..1	Definition: The electro-technical communication number, e.g., telephone number, facsimile number, pager number.
31 GlobalPartnerClassificationCode	1..1	Definition: Code identifying a partner's function in the supply chain.
Restricted Entity Instance		
		Distribution Center Product distributor in supply chain.
		Distributor Product distributor in supply chain.
		End User Product end user in supply chain.
		Manufacturer Product manufacturer in supply chain.
		Original Equipment Manufacturer Product manufacturer of original equipment in the supply chain.
		Manufacturer
		Warehouser Product warehouser in supply chain.



Element / Attribute	Usage/Length	Description
32 PhysicalLocation	0..1	Definition: 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. Comment: Not used elements: 34 PartnerLocationIdentification
33 GlobalLocationIdentifier	0..1	Definition: Location uniquely identified by the DUNS +4 number.
38 PhysicalAddress	0..1	Definition: 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.
39 addressLine1	0..1	Definition: The first line of a physical address.
39 FreeFormText	1..1	Definition: Unformatted text.
40 addressLine2	0..1	Definition: The second line of a physical address.
40 FreeFormText	1..1	Definition: Unformatted text.
41 addressLine3	0..1	Definition: The third line of a physical address.
41 FreeFormText	1..1	Definition: Unformatted text.
42 cityName	0..1	Definition: The name of a city.
42 FreeFormText	1..1	Definition: Unformatted text.
43 GlobalCountryCode	0..1	Definition: Code identifying the two character country code specified in ISO 3166-1993.
44 NationalPostalCode	0..1	Definition: Code identifying geographic location as specified by a national postal code.
45 postOfficeBoxIdentifier	0..1	Definition: The proprietary identity of a physical address, located at a post office, designed solely to accept and receive mail.
45 FreeFormText	1..1	Definition: Unformatted text.
46 regionName	0..1	Definition: The name of a state or province within a country.
46 FreeFormText	1..1	Definition: Unformatted text.
76 shipmentIdentifier	0..1	Definition: Reference identifier assigned by the partner originating a shipment to uniquely identify the shipment.



Element / Attribute	Usage/Length	Description
76 ProprietaryReferenceIdentifier	1..1	Definition: A unique reference identifier for goods, services or business documents.
77 ShipmentReceiptNotificationLineItem	1..unbounded	Definition: The collection of business properties that describe a shipment receipt notification entry. Usage: Required Comment: Not used elements: 82 subLineNumber 83 subLineSchedule 85 LotReference 90 ManufacturerProfile 103 ShipmentReceiptDiscrepancyInformation
78 DocumentSubLineReference	0..unbounded	Definition: The collection of business properties that allows the description of multiple proprietary documents and applicable line number or subline number references.
79 GlobalDocumentReferenceTypeCode	1..1	Definition: Code identifying the type of business document used for referencing within another business document. Preferred Value: Commercial Invoice Delivery Note Number Purchase Order Number
80 LineNumber	1..1	Definition: Number of the line in the document.
81 ProprietaryDocumentIdentifier	1..1	Definition: Unique identifier, i.e. a numeric value or alphanumeric value, for a business document.
84 GlobalProductUnitOfMeasureCode	1..1	Definition: Code identifying a product unit of measure. Restricted Entity Instance
94 ProductIdentification	1..1	Definition: The collection of business properties that describe proprietary and global identifier information regarding a product. Comment: Not used elements: 95 GlobalProductIdentifier



Element / Attribute	Usage/Length	Description
96 PartnerProductIdentification	0..unbounded	Definition: The collection of business properties that describe proprietary part information.
97 GlobalPartnerClassificationCode	1..1	Definition: Code identifying a partner's function in the supply chain.
Restricted Entity Instance		
End User		Product end user in supply chain.
Manufacturer		Product manufacturer in supply chain.
98 ProprietaryProductIdentifier	1..1	Definition: An internal identifier used to identify a product.
99 revisionIdentifier	0..1	Definition: Free form text that identifies a revision to a proprietary serial number.
99 FreeFormText	1..1	Definition: Unformatted text.
100 QuantityInformation	1..1	Definition: The collection of business properties that describes information regarding the quantity of the product shipped.
101 acceptedQuantity	1..1	Definition: The quantity of units accepted upon receipt of a shipment.
101 ProductQuantity	1..1	Definition: A quantity specifying the number of product units.
102 receivedQuantity	1..1	Definition: The product quantity received.
102 ProductQuantity	1..1	Definition: A quantity specifying the number of product units.
106 shipmentReceiptReportDateTime	1..1	Definition: The date-time when the shipment receiving report was generated. Usage: Required
106 DateTimeStamp	1..1	Definition: 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
107 TrackingReference	0..unbounded	Definition: The collection of business properties that describe information about tracing shipments during the transportation process.



Element / Attribute	Usage/Length	Description
108 GlobalTrackingReferenceTypeCode	1..1	<p>Definition: Code identifying the type of document reference being used to track a shipment.</p> <p>Preferred Value: Commercial Invoice Shipper Reference Number Packing Slip Number</p>
109 ProprietaryShipmentTrackingIdentifier	1..1	<p>Definition: Proprietary unique identifier for tracking product shipments.</p> <p>Description: Preferred identifier is Delivery Note or Packing-slip number</p>
119 thisDocumentGenerationDateTime	1..1	<p>Definition: The date-time stamp indicating when this business document was generated.</p> <p>Usage: Required</p>
119 DateTimeStamp	1..1	<p>Definition: 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>Usage: Required</p> <p>Description: Document date & time stamp</p>
120 thisDocumentIdentifier	1..1	<p>Definition: The information that identifies the business document being sent. This identifier is used to represent the specific business document associated with the defined business process.</p> <p>Usage: Required</p>
120 ProprietaryDocumentIdentifier	1..1	<p>Definition: Unique identifier, i.e. a numeric value or alphanumeric value, for a business document.</p> <p>Usage: Required</p>
121 toRole	1..1	<p>Definition: The role receiving the document in a business document exchange.</p> <p>Usage: Required</p>



Element / Attribute	Usage/Length	Description
121 PartnerRoleDescription	1..1	Definition: The collection of business properties that describe a business partners' role in a partner interface process. Comment: Not used elements: 122 ContactInformation
127 GlobalPartnerRoleClassificationCode	1..1	Definition: Code identifying a party's role in the supply chain. Usage: Required Preferred Value: Shipment Information User
128 PartnerDescription	1..1	Definition: The collection of business properties that describe a business partners' identity, their contact information, where they are physical located and their function in a supply chain. Constraint: If GlobalBusinessIdentifier is not used, then PhysicalAddress is required. Usage: Required
129 BusinessDescription	1..1	Definition: The collection of business properties that describe a business identity and location. Usage: Required
130 GlobalBusinessIdentifier	1..1	Definition: A unique business identifier. The DUNS number is specified by RosettaNet. Usage: Required Description: TI DUNS number "007321904"
131 GlobalSupplyChainCode	0..1	Definition: Code identifying the supply chain for the partner's function.
132 GlobalPartnerClassificationCode	1..1	Definition: Code identifying a partner's function in the supply chain. Usage: Required Preferred Value: Manufacturer

acceptedQuantity

Definition

The quantity of units accepted upon receipt of a shipment.

Children

ProductQuantity *A quantity specifying the number of product units.*

Used in

100 QuantityInformation

addressLine1

Definition

The first line of a physical address.

Children

FreeFormText *Unformatted text.*

Used in

38 PhysicalAddress

addressLine2

Definition

The second line of a physical address.

Children

FreeFormText *Unformatted text.*

Used in

38 PhysicalAddress

addressLine3

Definition

The third line of a physical address.

Children

FreeFormText *Unformatted text.*

Used in

38 PhysicalAddress

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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>

Used in

8 PartnerDescription
 18 PartnerDescription
 128 PartnerDescription

cityName

Definition

The name of a city.

Children

FreeFormText	<i>Unformatted text.</i>
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Used in

38 PhysicalAddress

CommunicationsNumber

Type	String	Min	1
Repr	X(30)	Max	30

Definition

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

Used in

6 telephoneNumber
 30 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>

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Used in

1 PartnerRoleDescription
18 PartnerDescription

contactName

Definition

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

Children

FreeFormText *Unformatted text.*

Used in

2 ContactInformation
26 ContactInformation

containerTotalCount

Definition

Indicates the total number of containers in the shipment that belong to this shipping order. This is usual

Children

CountableAmount *Dimensionless magnitude, e.g. number of products.*

Used in

14 ShipmentReceiptInformationResource

CountableAmount

Type	PositiveInteger	Min	1
Repr	9(15)	Max	15

Definition

Dimensionless magnitude, e.g. number of products.

Used in

15 containerTotalCount

DateTimeStamp

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

Definition

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

Used in

17 receiptDate
106 shipmentReceiptReportDateTime
119 thisDocumentGenerationDateTime

DocumentSubLineReference

Definition

The collection of business properties that allows the description of multiple proprietary documents and a

Children

GlobalDocumentReferenceTypeCode	<i>Code identifying the type of business document used for referencing within another business document.</i>
LineNumber	<i>Number of the line in the document.</i>
ProprietaryDocumentIdentifier	<i>Unique identifier, i.e. a numeric value or alphanumeric value, for a business document.</i>
subLineNumber	<i>Number of the subline in the document, associated with a given line number.</i>
subLineSchedule	<i>Number of the schedule within the subline in the document, associated with a given line number.</i>

Used in

77 ShipmentReceiptNotificationLineItem

EmailAddress	Type String	Min 1
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Definition

Electronic mail address.

Used in

2 ContactInformation
26 ContactInformation

FreeFormText	Type String	Min 1
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Definition

Unformatted text.

Attributes

xml:lang

Used in

3 contactName
27 contactName
39 addressLine1
40 addressLine2
41 addressLine3
42 cityName
45 postOfficeBoxIdentifier
46 regionName
99 revisionIdentifier

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freightReference

Definition

A reference identifier for the shipment, such as the Bill Of Lading.

Children

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

Used in

14 ShipmentReceiptInformationResource

fromRole

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

Pip4B2ShipmentReceiptNotification

GlobalBusinessIdentifier

Type	Integer	Min	9
Repr	9(9)	Max	9

Definition

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

Used in

9 BusinessDescription
 19 BusinessDescription
 129 BusinessDescription

GlobalCountryCode

Type	String	Min	2
Repr	X(2)	Max	2

Definition

Code identifying the two character country code specified in ISO 3166-1993.

Entity Instances

AD	ANDORRA
AE	UNITED ARAB EMIRATES
AF	AFGHANISTAN
AG	ANTIGUA AND BARBUDA
AI	ANGUILLA
AL	ALBANIA
AM	ARMENIA
AN	NETHERLANDS ANTILLES

Entity Instances

AO	ANGOLA
AQ	ANTARCTICA
AR	ARGENTINA
AS	AMERICAN SAMOA
AT	AUSTRIA
AU	AUSTRALIA
AW	ARUBA
AZ	AZERBAIJAN
BA	BOSNIA AND HERZEGOVINA
BB	BARBADOS
BD	BANGLADESH
BE	BELGIUM
BF	BURKINA FASO
BG	BULGARIA
BH	BAHRAIN
BI	BURUNDI
BJ	BENIN
BM	BERMUDA
BN	BRUNEI DARUSSALAM
BO	BOLIVIA
BR	BRAZIL
BS	BAHAMAS
BT	BHUTAN
BV	BOUVET ISLAND
BW	BOTSWANA
BY	BELARUS
BZ	BELIZE
CA	CANADA
CC	COCOS (KEELING) ISLANDS
CF	CENTRAL AFRICAN REPUBLIC
CG	CONGO
CH	SWITZERLAND
CI	CÔTE D'IVOIRE
CK	COOK ISLANDS
CL	CHILE
CM	CAMEROON
CN	CHINA
CO	COLOMBIA
CR	COSTA RICA
CU	CUBA
CV	CAPE VERDE
CX	CHRISTMAS ISLAND
CY	CYPRUS
CZ	CZECH REPUBLIC
DE	GERMANY
DJ	DJIBOUTI
DK	DENMARK
DM	DOMINICA
DO	DOMINICAN REPUBLIC
DZ	ALGERIA
EC	ECUADOR
EE	ESTONIA
EG	EGYPT
EH	WESTERN SAHARA
ER	ERITREA
ES	SPAIN
ET	ETHIOPIA

Entity Instances

FI	<i>FINLAND</i>
FJ	<i>FIJI</i>
FK	<i>FALKLAND ISLANDS (MALVINAS)</i>
FM	<i>MICRONESIA, FEDERATED STATES</i>
FO	<i>FAROE ISLANDS</i>
FR	<i>FRANCE</i>
GA	<i>GABON</i>
GB	<i>UNITED KINGDOM</i>
GD	<i>GRENADA</i>
GE	<i>GEORGIA</i>
GF	<i>FRENCH GUIANA</i>
GH	<i>GHANA</i>
GI	<i>GIBRALTAR</i>
GL	<i>GREENLAND</i>
GM	<i>GAMBIA</i>
GN	<i>GUINEA</i>
GP	<i>GADELOUPE</i>
GQ	<i>EQUATORIAL GUINEA</i>
GR	<i>GREECE</i>
GS	<i>SOUTH GEORGIA AND THE SOUTH SANDWICH ISLANDS</i>
GT	<i>GUATEMALA</i>
GU	<i>GUAM</i>
GW	<i>GUINEA-BISSAU</i>
GY	<i>GUYANA</i>
HK	<i>HONG KONG</i>
HM	<i>HEARD ISLAND AND MCDONALD ISLANDS</i>
HN	<i>HONDURAS</i>
HR	<i>CROATIA</i>
HT	<i>HAITI</i>
HU	<i>HUNGARY</i>
ID	<i>INDONESIA</i>
IE	<i>IRELAND</i>
IL	<i>ISRAEL</i>
IN	<i>INDIA</i>
IO	<i>BRITISH INDIAN OCEAN TERRITORY</i>
IQ	<i>IRAQ</i>
IR	<i>IRAN, ISLAMIC REPUBLIC OF</i>
IS	<i>ICELAND</i>
IT	<i>ITALY</i>
JM	<i>JAMAICA</i>
JO	<i>JORDAN</i>
JP	<i>JAPAN</i>
KE	<i>KENYA</i>
KG	<i>KYRGYSTAN</i>
KH	<i>CAMBODIA</i>
KI	<i>KIRIBATI</i>
KM	<i>COMOROS</i>
KN	<i>SAINT KITTS AND NEVIS</i>
KP	<i>KOREA, DEMOCRATIC PEOPLE'S REP. OF</i>
KR	<i>KOREA, REPUBLIC OF</i>
KW	<i>KUWAIT</i>
KY	<i>CAYMAN ISLANDS</i>
KZ	<i>KAZAKSTAN</i>
LA	<i>LAO PEOPLE'S DEMOCRATIC REPUBLIC</i>
LB	<i>LEBANON</i>
LC	<i>SAINT LUCIA</i>
LI	<i>LIECHTENSTEIN</i>

Entity Instances

LK	<i>SRI LANKA</i>
LR	<i>LIBERIA</i>
LS	<i>LESOTHO</i>
LT	<i>LITHUANIA</i>
LU	<i>LUXEMBOURG</i>
LV	<i>LATVIA</i>
LY	<i>LIBYAN ARAB JAMAHIRIYA</i>
MA	<i>MOROCCO</i>
MC	<i>MONACO</i>
MD	<i>MOLDOVA, REPUBLIC OF</i>
MG	<i>MADAGASCAR</i>
MH	<i>MARSHALL ISLANDS</i>
MK	<i>MACEDONIA, THE FORMER YUGOSLAV REPUBLIC OF</i>
ML	<i>MALI</i>
MM	<i>MYANMAR</i>
MN	<i>MONGOLIA</i>
MO	<i>MACAU</i>
MP	<i>NORTHERN MARIANA ISLANDS</i>
MQ	<i>MARTINIQUE</i>
MR	<i>MAURITANIA</i>
MS	<i>MONTSERRAT</i>
MT	<i>MALTA</i>
MU	<i>MAURITIUS</i>
MV	<i>MALDIVES</i>
MW	<i>MALAWI</i>
MX	<i>MEXICO</i>
MY	<i>MALAYSIA</i>
MZ	<i>MOZAMBIQUE</i>
NA	<i>NAMIBIA</i>
NC	<i>NEW CALEDONIA</i>
NE	<i>NIGER</i>
NF	<i>NORFOLK ISLAND</i>
NG	<i>NIGERIA</i>
NI	<i>NICARAGUA</i>
NL	<i>NETHERLANDS</i>
NO	<i>NORWAY</i>
NP	<i>NEPAL</i>
NR	<i>NAURU</i>
NT	<i>NEUTRAL ZONE</i>
NU	<i>NIUE</i>
NZ	<i>NEW ZEALAND</i>
OM	<i>OMAN</i>
PA	<i>PANAMA</i>
PE	<i>PERU</i>
PF	<i>FRENCH POLYNESIA</i>
PG	<i>PAPUA NEW GUINEA</i>
PH	<i>PHILIPPINES</i>
PK	<i>PAKISTAN</i>
PL	<i>POLAND</i>
PM	<i>SAINT PIERRE AND MIQUELON</i>
PN	<i>PITCAIRN</i>
PR	<i>PUERTO RICO</i>
PT	<i>PORTUGAL</i>
PW	<i>PALAU</i>
PY	<i>PARAGUAY</i>
QA	<i>QATAR</i>
RE	<i>REUNION</i>

Entity Instances

RO	ROMANIA
RU	RUSSIAN FEDERATION
RW	RWANDA
SA	SAUDI ARABIA
SB	SOLOMON ISLANDS
SC	SEYCHELLES
SD	SUDAN
SE	SWEDEN
SG	SINGAPORE
SH	SAINT HELENA
SI	SLOVENIA
SJ	SVALBARD AND JAN MAYEN ISLANDS
SK	SLOVAKIA
SL	SIERRA LEONE
SM	SAN MARINO
SN	SENEGAL
SO	SOMALIA
SR	SURINAME
ST	SAO TOME AND PRINCIPE
SV	EL SALVADOR
SY	SYRIAN ARAB REPUBLIC
SZ	SWAZILAND
TC	TURKS AND CAICOS ISLANDS
TD	CHAD
TF	FRENCH SOUTHERN TERRITORIES
TG	TOGO
TH	THAILAND
TJ	TAJIKISTAN
TK	TOKELAU
TM	TURKMENISTAN
TN	TUNISIA
TO	TONGA
TP	EAST TIMOR
TR	TURKEY
TT	TRINIDAD AND TOBAGO
TV	TUVALU
TW	TAIWAN, PROVINCE OF CHINA
TZ	TANZANIA, UNITED REPUBLIC OF
UA	UKRAINE
UG	UGANDA
UM	UNITED STATES MINOR OUTLYING ISLANDS
US	UNITED STATES
UY	URUGUAY
UZ	UZBEKISTAN
VA	HOLY SEE (VATICAN CITY STATE)
VC	SAINT VINCENT AND THE GRENADINES
VE	VENEZUELA
VG	VIRGIN ISLANDS (BRITISH)
VI	VIRGIN ISLANDS (U.S.)
VN	VIET NAM
VU	VANUATU
WF	WALLIS AND FUTUNA ISLANDS
WS	SAMOA
YE	YEMEN
YT	MAYOTTE
YU	YUGOSLAVIA
ZA	SOUTH AFRICA

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Entity Instances

ZM	ZAMBIA
ZR	ZAIRE
ZW	ZIMBABWE

Used in

38 PhysicalAddress

GlobalDocumentFunctionCode	Type String	Min 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

Pip4B2ShipmentReceiptNotification

GlobalDocumentReferenceTypeCode	Type String	Min 1
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Definition

Code identifying the type of business document used for referencing within another business document.

Entity Instances

ASP Claim	<i>The unique identifier assigned by the ASP for a warranty claim.</i>
ASP Part Return	<i>The unique identifier assigned by the ASP for a part return.</i>
ASP PartOrder	<i>The unique identifier assigned by the ASP for a part order.</i>
ASP Requisition	<i>The unique identifier assigned by the ASP to reference a work order.</i>
Catalogue	<i>Product Catalogue.</i>
Commercial Invoice	
Component Failure Analysis Request Number	<i>Failure Analysis request document that will accompany the product providing characteristics of the component failure.</i>
Consumption Reference	<i>Unique consumption reference number identifying the product consumption issue i.e. one-to-one relationship with physical flow.</i>
Contract	
Credit Memo	<i>Traditional credit note or memo.</i>
Customer Order Number	<i>In a virtual sourcing relationship, a third party trading partner is supplying a part to a customer on behalf of another company that has taken the order for the customer. In this case a Customer Order Number is associated to the request for material that is sent to the virtual trading partners.</i>
Debit Memo	<i>Traditional debit note or memo.</i>
Delivery Note	
Discontinuation	<i>Discontinuation Notice.</i>
Drawing #	
Fulfillment Order	<i>Sales order or transfer order fulfilling demand out of a facility (outbound shipment).</i>

Pip4B2ShipmentReceiptNotification

Version: 4B2 ShipmentReceiptNotification V01_00_00; 1; INBOUND

Entity Instances

Invoice	
Master Event Number	
Model Number	
OEM Claim	<i>The unique identifier assigned by the OEM for a warranty claim.</i>
OEM Part Order	<i>The unique identifier assigned by the OEM for a part order.</i>
OEM Part Return	<i>The unique identifier assigned by the OEM for a part return.</i>
Original Invoice	<i>Refers to previously issued invoice.</i>
Original SBI Invoice	<i>Refers to previously issued self-billing invoice.</i>
Packing List/Packing Slip	<i>Unique number that identifies packing form prior to shipment.</i>
Product Failure Analysis Request Number	<i>Failure Analysis request document that will accompany the product providing characteristics of the product failure.</i>
Purchase Order	
Purchase Order IN	
Purchase Order OUT	
Quote	
RMA - Returned Material Authorization	
Receipt	<i>Document identifying the receipt of materials or products into a facility against a purchase order or transfer order (inbound shipment).</i>
Replenishment Order	<i>Purchase order or transfer order replenishing inventory into a facility (inbound shipment).</i>
Requisition	
Rework Purchase Order	<i>Purchase order for materials or product returned to and reworked by a supplier.</i>
SNCL	<i>Shipset Number on Code List</i>
Sales Order	
Scheduling Agreement	<i>Similar to contracts. Contains the quantity of an article that is to be ordered from a vendor and the price for article or service that is to be procured.</i>
Self Billing Credit Memo	<i>Credit Memo used in self-billing scenario.</i>
Self Billing Debit Memo	<i>Debit Memo used in self-billing scenario.</i>
Self Billing Invoice	<i>Invoice in self billing scenario.</i>
Serial Number	
Service Order	<i>A document that gives a repair provider the necessary authorization to repair or upgrade a product either at the customer site or at the repair provider's site.</i>
Shipping Reference Identifier	<i>A document that contains the shipping reference number which allows the product to be tracked within the outsourced logistic providers network.</i>
Spec #	
Transfer Order	<i>Order which results in materials or products being moved from one facility to another (outbound shipment and inbound shipment).</i>
Warranty Claim	<i>Denotes a warranty claim.</i>
Waybill	
Work Order	

Used in

78 DocumentSubLineReference

GlobalLocationIdentifier

Type	String	Min	10
Repr	9(9)X(4)	Max	13

Definition

Location uniquely identified by the DUNS +4 number.

Pip4B2ShipmentReceiptNotification

Version: 4B2 ShipmentReceiptNotification V01_00_00; 1; INBOUND

Used in

32 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>
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>
Service Provider	<i>A provider of services such as repair, diagnoses, maintenance, installation or removal of a unit.</i>
Shopper	<i>Product shopper in supply chain.</i>
Warehouser	<i>Product warehouser in supply chain.</i>

Used in

8 PartnerDescription
 18 PartnerDescription
 96 PartnerProductIdentification
 128 PartnerDescription

GlobalPartnerRoleClassificationCode

Type String

Min 1

Definition

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

Entity Instances

Account Supplier	<i>Any trading partner that buys or sells products/services from customers and/or vendors.</i>
Account User	<i>Any trading partner that requires an account to buy or sell products/services.</i>
Anonymous Buyer	<i>A requestor of information that chooses to remain anonymous.</i>
Appointment Provider	<i>The stakeholder(s) in the shipment delivery activity.</i>
Authorized Service Provider	<i>The Service Provider authorized by an OEM to perform service on a unit.</i>
Authorizer	<i>The partner role that provides product authorization, from a product owner or manufacturer, for a reselling organization to</i>

Entity Instances

	<i>resell a product.</i>
Buyer	<i>An employee or organization that buys products for a partner type in the supply chain.</i>
Catalog Distributor	<i>The partner role that distributes catalog information to catalog producers and buyers.</i>
Catalog Producer	<i>The partner role that produces catalog information for a partner type in the supply chain.</i>
Change Requester	<i>A party who has an interest in requesting a review of a possible change to the component. The requester may be any party including customers and suppliers.</i>
Change Review Forum	<i>A party who has responsibility for the review of Engineering Change Requests and the drafting and review of Engineering Change Orders. The Change Review Forum is assumed to be at the company that has responsibility for the engineering aspects of the component affected by the change.</i>
Claim Requester	<i>The owner of the shipments who is responsible for the intact delivery.</i>
Consignee	<i>The receiver of the shipment.</i>
Consumption Notification Provider	<i>Trading Partner role responsible for sending the notification of material consumption by a production location</i>
Consumption Notification User	<i>Trading Partner role responsible for receiving and processing the notification of material consumption thereby invoicing the customer for consumed material</i>
Credit Provider	<i>This partner role is responsible for providing credit information about potential customers.</i>
Credit Reference Requester	<i>This partner role is responsible for requesting credit information about potential customers.</i>
Customer	<i>This partner role creates a demand for a product or service.</i>
Customer Manager	<i>This partner role manages the relationship with the business customers.</i>
Decision Stakeholder	<i>The party (such as suppliers, customers and others) who is responsible for the review and approval of the Engineering Change Approval Request. The stakeholders may be from multiple organizations.</i>
Delivery Appointment Provider	<i>A party that receives a request for a change to a previously scheduled delivery appointment.</i>
Delivery Appointment Requester	<i>A party that requests a change to a previously scheduled delivery appointment.</i>
Demand Creator	<i>The partner role that identifies the opportunity, submits design registration, provides engineering support to advance the opportunity towards design win, and generates revenue by satisfying customer demand for a product.</i>
Design Engineering Information Receiver	<i>This partner role uses technical information for updating enterprise databases (such as electronic catalog systems), design or test engineering, and manufacturing.</i>
Design Engineering Information Sender	<i>This partner role distributes the design engineering information of the agreed types in the agreed amounts at the agreed times.</i>
Exception Definer	<i>The party/organization that monitors and identifies exceptions based on predefined exception criteria and sends notifications of the identified exceptions. In a collaborative forecasting process, the Exception Definer may be the Forecast Owner, Forecast Recipient, Forecast Reply Recipient and/or an external party.</i>
Failure Report Administrator	<i>An employee or organizational entity that receives and processes PIP Failure Notifications.</i>
Financing Processor	<i>The organization that processes the request for financing.</i>
Forecast Owner	<i>The party that creates a strategic or order forecast and is ultimately responsible for it.</i>

Entity Instances

Forecast Recipient	<i>The party that receives a strategic or order forecast.</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>
Implementation Plan Creator	<i>The partner role that creates, maintains and manages an implementation plan associated with an Engineering Change Order.</i>
In-transit Information User	<i>The party who receives shipment status information.</i>
Initiator	<i>The party that starts the data exchange.</i>
Integrator	<i>The organization responsible for the production of the product. Change requests are communicated back to the Qualification Owner.</i>
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>
Invoice Provider	<i>The organization that generates the invoice.</i>
Invoice Receiver	<i>The organization being invoiced.</i>
Invoice Reject Provider	<i>The organization that rejects an invoice.</i>
Invoice Reject Receiver	<i>The organization being issued an Invoice Reject Notification.</i>
Marketing Activity Information User	<i>The party who uses information about Marketing Activities. This party might include distributors, and retail operations.</i>
Marketing Activity Initiator	<i>The partner role that distributes information about marketing activities being sponsored by the organization.</i>
Material Release Information Provider	<i>Trading Partner role responsible for triggering release of materials to a delivery location</i>
Material Release Information User	<i>Trading Partner role responsible for receiving trigger to release material to a delivery location and shipping material to delivery location</i>
PIP Failure Notifier	<i>An organizational process that automatically notifies the appropriate Failure Report Administrator of a PIP process failure.</i>
Payee	<i>The party receiving a payment.</i>
Payer	<i>The party issuing a payment.</i>
Product Distributor	<i>The party authorized by a Product Supplier to purchase goods and services from the Product Supplier and resell to customers.</i>
Product Information Distributor	<i>The partner role that distributes new product information to product information users and buyers.</i>
Product Information Subscriber	<i>The business partner that subscribes to product information from other business partners.</i>
Product Information User	<i>The partner role that uses product information to create or update enterprise systems and online promotion systems such as electronic catalog systems.</i>
Product Provider	<i>The partner role that creates a differentiated product, owns the registration process and creates a list of eligible products for use in design registration.</i>
Product Supplier	<i>This partner role supplies product to customers in the supply chain.</i>
Qualification Owner	<i>The organization responsible for the qualification of manufacturers and suppliers of parts for the product. The Qualification Owner defines and maintains the AML for the product.</i>
Quality Data Provider	<i>The party responsible for sending the Repair Quality Data. The Provider, through various means, learns of product or product component defect(s).</i>
Quality Data User	<i>The party who receives the repair and/or test data. The User analyzes the data and incorporates findings into its business model.</i>
Receiver	<i>The intended recipient of products or business information. The</i>

Entity Instances

Responder	<i>Receiver may verify receipt if prescribed.</i>
Return Provider	<i>The party that replies to the initiators message.</i>
Return Receiver	<i>The party responsible for authorizing and/or processing the return.</i>
Return Requester	<i>A third-party or warehousing operation responsible for receiving returns, inspecting the package contents and comparing to the issued RMA to assure the contents are what was authorized on the RMA.</i>
Sales Facilitator	<i>Any party wishing to return a product. This role could be played by a large end-user such as the Government Services Administration (GSA), a distributor, or a reseller.</i>
Sales Lead Originator	<i>This partner role facilitates the sale of product between partners in the supply chain.</i>
Sales Lead Processor	<i>The party assigning a sales lead to another party.</i>
Sales Marketing Claim Processor	<i>The party who receives the sales lead. This party is responsible for accepting or rejecting the lead, and if accepted, reports the status of the lead.</i>
Sales Marketing Claimant	<i>The partner role that processes the claim and/or remits compensation to the Sales Marketing Claimant.</i>
Sales Marketing Program Reimbursement Recipient	<i>The partner role that requests reimbursement from a Sales Marketing Claim Processor.</i>
Sales Marketing Program Reimbursers	<i>The partner role that receives status on a previously submitted sales marketing claim, or who receives reimbursement without submitting a claim.</i>
Self-Billing Invoice Provider	<i>The partner role that is currently processing a sales marketing claim, (or providing a payment without a claim submitted) and who provides information on the status of the claim processing.</i>
Self-Billing Invoice Receiver	<i>The party that generates the self-billing invoice plus being invoiced. It can re-issue the self-billing invoice.</i>
Seller	<i>The organization that provides the services or goods. The organization that receives the payment.</i>
Service Provider	<i>An organization that sells products to partners in the supply chain.</i>
Shipment Information User	<i>A provider that performs a service such as repair, diagnose, maintain, install or remove on a unit.</i>
Shipment Requester	<i>The party who receives shipment status information.</i>
ShipmentController	<i>The party requesting transportation services.</i>
Shipper	<i>The party who is authorized to make decisions regarding a shipment while in-transit.</i>
Solution Provider	<i>The party who relinquishes (assigns) a shipment to a transport service provider.</i>
Solution Requester	<i>The party that may architect, configure, engineer, sell, or determine the fulfillment of the configured solution to partners in the supply chain.</i>
Specification Provider	<i>This party that creates a demand for a product or service, or has contracted with a Solution Provider for the manufacture or fulfillment of a product(s).</i>
Specification User	<i>The partner role that creates or passes on manufacturing specifications. This may be a Solution Provider, an OEM who is sub-contracting manufacturing tasks like fabrication or assembly, or another party.</i>
Stakeholder	<i>The partner role that uses a manufacturing specification. This might be a sub-contract assembler or fabricator.</i>
Status Requester	<i>The party that is required to implement an Engineering Change Order. The Stakeholder may include all levels of suppliers, customers or other parties. The Stakeholder may represent multiple organizations. The Stakeholder may draft and/or be responsible for completing tasks in an implementation plan.</i>
	<i>The functional partner role, that could be a Product Provider, that</i>

Pip4B2ShipmentReceiptNotification

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Entity Instances

<p>Status Responder</p> <p>Supplier</p> <p>Tender Information User</p> <p>Transport Service Provider</p> <p>Warranty Provider</p>	<p><i>creates a differentiated product, owns the registration process and creates a list of eligible products, or who is responsible for identifying the opportunity (that is, it could be a Demand Creator).</i></p> <p><i>The organizational partner role, that could be a Product Provider, that creates a differentiated product, owns the registration process and creates a list of eligible products, or who is responsible for identifying the opportunity (that is, it could be a Demand Creator).</i></p> <p><i>This partner role supplies product to customers in the supply chain.</i></p> <p><i>The stakeholder(s) in the tendering activity.</i></p> <p><i>The party that provides transportation services for a Shipment Requester.</i></p> <p><i>The provider who honors the warranty terms and reimburses the Authorized Service Provider for a service event performed under the terms of the warranty.</i></p>
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Used in

- 1 PartnerRoleDescription
- 121 PartnerRoleDescription

GlobalProductUnitOfMeasureCode	Type String	Min 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

Entity Instances

Barrel, Imperial
Barrels Per Day
Barrels Per Minute
Base Box
Base Weight
Basket
Batch
Batt
Batting Pound
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

Entity Instances

Weight)
Cone
Connector
Container
Cover
Crate
Cubic Foot
Cubic centimeter
Cubic centimeter/second
Cubic inch
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

Entity Instances

Gross Ton
Gross Yard
Group
Half Gallon
Half Hour
Half Liter
Hank
Heat lots
Hectare
Hectoliter
Hectopascal
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

Entity Instances

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
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

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

Entity Instances

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
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
Sack
Second
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

Mask Set (SET)

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Entity Instances

- Tonne
- Torr
- Tote
- Track Foot
- Trailer
- Train
- Tray
- Troy
- Troy OZ
- Truckload
- Tube
- US gallon
- US pound
- US ton
- Unitless Unit of Measure
- Vial
- Volt
- WF *Wafer (WF)*
- Wafer
- Watt
- Week
- Wrap
- Yard
- Year

Used in

77 ShipmentReceiptNotificationLineItem

GlobalSupplyChainCode	Type String	Min 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

129 BusinessDescription

GlobalTrackingReferenceTypeCode	Type String	Min 1
--	--------------------	--------------

Definition

Code identifying the type of document reference being used to track a shipment.

Entity Instances

- Bill of Lading Number *Shipment identification number on bill of lading issued by shipper, forwarder or carrier.*
- Booking Number *Shipment identification number assigned by shipper when booking*

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Entity Instances

	<i>freight shipment with carrier.</i>
Carrier Reference Number	<i>Carrier assigned shipment identification number on bill of lading.</i>
Commercial Invoice	<i>An invoice for customs purposes to allow the determination of the proper import/export duty/taxes.</i>
House Airwaybill Number	<i>Forwarder assigned shipment identification number on bill of lading issued by forwarder.</i>
Master Airwaybill Number	<i>Carrier assigned shipment identification number on bill of lading issued by carrier.</i>
Ocean Bill of Lading Number	<i>Carrier assigned shipment identification number on bill of lading issued by carrier.</i>
Packing Slip Number	<i>Shipment identification number on shipment contents packing list attached to shipment.</i>
Pro Number	<i>Carrier assigned shipment identification number on bill of lading.</i>
Sales Order Number	<i>Seller sales order number.</i>
Seal Identifier	<i>Trailer or container seal number assigned by party closing doors on trailer or container.</i>
Shipper Reference Number	<i>Shipper assigned shipment identification number on bill of lading issued by shipper or forwarder.</i>
Trailer Number	<i>Owner assigned equipment identification number on trailer.</i>

Used in

107 TrackingReference

LineNumber	Type String	Min 1
	Repr X(6)	Max 6

Definition

Number of the line in the document.

Used in

78 DocumentSubLineReference

NationalPostalCode	Type String	Min 3
	Repr X(15)	Max 15

Definition

Code identifying geographic location as specified by a national postal code.

Used in

38 PhysicalAddress

PartnerDescription

Definition

The collection of business properties that describe a business partners' identity, their contact informatio

Children

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

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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>
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
- 18 receivedBy
- 121 PartnerRoleDescription

PartnerProductIdentification

Definition

The collection of business properties that describe proprietary part information.

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

- 94 ProductIdentification

PartnerRoleDescription

Definition

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

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, their contact information, where they are physical located and their function in a supply chain.</i>

Used in

- 1 fromRole
- 121 toRole

PhysicalAddress

Pip4B2ShipmentReceiptNotification

Version: 4B2 ShipmentReceiptNotification V01_00_00; 1; INBOUND

Definition

The actual physical location of an entity as prescribed by local postal authorities, including country identi

Children

addressLine1	<i>The first line of a physical address.</i>
addressLine2	<i>The second line of a physical address.</i>
addressLine3	<i>The third line of a physical address.</i>
cityName	<i>The name of a city.</i>
GlobalCountryCode	<i>Code identifying the two character country code specified in ISO 3166-1993.</i>
NationalPostalCode	<i>Code identifying geographic location as specified by a national postal code.</i>
postOfficeBoxIdentifier	<i>The proprietary identity of a physical address, located at a post office, designed solely to accept and receive mail.</i>
regionName	<i>The name of a state or province within a country.</i>

Used in

32 PhysicalLocation

PhysicalLocation

Definition

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

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

18 PartnerDescription

Pip4B2ShipmentReceiptNotification

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>
ShipmentReceiptInformationResource	<i>The collection of business properties that describe the receiving status of shipments received by consignee.</i>
thisDocumentGenerationDateTime	<i>The date-time stamp indicating when this business document was generated.</i>
thisDocumentIdentifier	<i>The information that identifies the business document being sent. This identifier is used to represent the specific business document associated with the defined business process.</i>
toRole	<i>The role receiving the document in a business document exchange.</i>

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Used in

Pip4B2ShipmentReceiptNotification

postOfficeBoxIdentifier

Definition

The proprietary identity of a physical address, located at a post office, designed solely to accept and rec

Children

FreeFormText *Unformatted text.*

Used in

38 PhysicalAddress

ProductIdentification

Definition

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

Children

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

PartnerProductIdentification *The collection of business properties that describe proprietary part information.*

Used in

77 ShipmentReceiptNotificationLineItem

ProductQuantity

Type Real **Min** 1

Definition

A quantity specifying the number of product units.

Used in

101 acceptedQuantity

102 receivedQuantity

ProprietaryDocumentIdentifier

Type String **Min** 1

Definition

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

Used in

16 freightReference

78 DocumentSubLineReference

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Used in

120 thisDocumentIdentifier

ProprietaryProductIdentifier

Type String

Min 1

Definition

An internal identifier used to identify a product.

Used in

96 PartnerProductIdentification

ProprietaryReferenceIdentifier

Type String
Repr X(255)

Min 1
Max 255

Definition

A unique reference identifier for goods, services or business documents.

Used in

76 shipmentIdentifier

ProprietaryShipmentTrackingIdentifier

Type String

Min 1

Definition

Proprietary unique identifier for tracking product shipments.

Used in

107 TrackingReference

QuantityInformation

Definition

The collection of business properties that describes information regarding the quantity of the product shi

Children

acceptedQuantity
receivedQuantity

The quantity of units accepted upon receipt of a shipment.
The product quantity received.

Used in

77 ShipmentReceiptNotificationLineItem

receiptDate

Definition

The date a product or service is received.

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 ShipmentReceiptInformationResource

receivedBy

Definition

The party who has received a product shipment.

Children

PartnerDescription

The collection of business properties that describe a business partners' identity, their contact information, where they are physical located and their function in a supply chain.

Used in

14 ShipmentReceiptInformationResource

receivedQuantity

Definition

The product quantity received.

Children

ProductQuantity

A quantity specifying the number of product units.

Used in

100 QuantityInformation

regionName

Definition

The name of a state or province within a country.

Children

FreeFormText

Unformatted text.

Used in

38 PhysicalAddress

revisionIdentifier

Definition

Free form text that identifies a revision to a proprietary serial number.

Children

FreeFormText *Unformatted text.*

Used in

96 PartnerProductIdentification

shipmentIdentifier

Definition

Reference identifier assigned by the partner originating a shipment to uniquely identify the shipment.

Children

ProprietaryReferenceIdentifier *A unique reference identifier for goods, services or business documents.*

Used in

14 ShipmentReceiptInformationResource

ShipmentReceiptInformationResource

Definition

The collection of business properties that describe the receiving status of shipments received by consign

Children

containerTotalCount	<i>Indicates the total number of containers in the shipment that belong to this shipping order. This is usually the total number of packed cartons.</i>
freightReference	<i>A reference identifier for the shipment, such as the Bill Of Lading.</i>
receiptDate	<i>The date a product or service is received.</i>
receivedBy	<i>The party who has received a product shipment.</i>
receivedFrom	<i>The partner and/or location from where the product was shipped.</i>
shipmentIdentifier	<i>Reference identifier assigned by the partner originating a shipment to uniquely identify the shipment.</i>
ShipmentReceiptNotificationLineItem	<i>The collection of business properties that describe a shipment receipt notification entry.</i>
shipmentReceiptReportDateTime	<i>The date-time when the shipment receiving report was generated.</i>
TrackingReference	<i>The collection of business properties that describe information about tracing shipments during the transportation process.</i>
transportedBy	<i>The party responsible for either carrying or forwarding the product.</i>

Used in

Pip4B2ShipmentReceiptNotification

ShipmentReceiptNotificationLineItem

Definition

The collection of business properties that describe a shipment receipt notification entry.

Children

DocumentSubLineReference	<i>The collection of business properties that allows the description of multiple proprietary documents and applicable line number or subline number references.</i>
GlobalProductUnitOfMeasureCode	<i>Code identifying a product unit of measure.</i>
LotReference	<i>The collection of business properties that describe a manufacturing lot tendered for shipping.</i>
ManufacturerProfile	<i>The collection of business properties that describe a manufacturer's product.</i>
ProductIdentification	<i>The collection of business properties that describe proprietary and global identifier information regarding a product.</i>
QuantityInformation	<i>The collection of business properties that describes information regarding the quantity of the product shipped.</i>
ShipmentReceiptDiscrepancyInformation	<i>Structured electronic information containing shipment receipt information regarding shipment discrepancies.</i>

Used in

14 ShipmentReceiptInformationResource

shipmentReceiptReportDateTime

Definition

The date-time when the shipment receiving report was generated.

Children

DateTimeStamp	<i>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</i>
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Used in

14 ShipmentReceiptInformationResource

telephoneNumber

Definition

The numerical schema designed to achieve contact via telephone.

Children

CommunicationsNumber	<i>The electro-technical communication number, e.g., telephone number, facsimile number, pager number.</i>
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Used in

2 ContactInformation

Used in

26 ContactInformation

thisDocumentGenerationDateTime

Definition

The date-time stamp indicating when this business 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

Pip4B2ShipmentReceiptNotification

thisDocumentIdentifier

Definition

The information that identifies the business document being sent. This identifier is used to represent the

Children

ProprietaryDocumentIdentifier

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

Used in

Pip4B2ShipmentReceiptNotification

toRole

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

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TrackingReference

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Definition

The collection of business properties that describe information about tracing shipments during the trans

Children

GlobalTrackingReferenceTypeCode *Code identifying the type of document reference being used to track a shipment.*

ProprietaryShipmentTrackingIdentifier *Proprietary unique identifier for tracking product shipments.*

Used in

14 ShipmentReceiptInformationResource

xsd:string

Used in

3 FreeFormText
4 EmailAddress
6 CommunicationsNumber
7 GlobalPartnerRoleClassificationCode
10 GlobalBusinessIdentifier
12 GlobalPartnerClassificationCode
13 GlobalDocumentFunctionCode
15 CountableAmount
16 ProprietaryDocumentIdentifier
17 DateTimeStamp
21 GlobalBusinessIdentifier
27 FreeFormText
28 EmailAddress
30 CommunicationsNumber
31 GlobalPartnerClassificationCode
33 GlobalLocationIdentifier
39 FreeFormText
40 FreeFormText
41 FreeFormText
42 FreeFormText
43 GlobalCountryCode
44 NationalPostalCode
45 FreeFormText
46 FreeFormText
76 ProprietaryReferenceIdentifier
79 GlobalDocumentReferenceTypeCode
80 LineNumber
81 ProprietaryDocumentIdentifier
84 GlobalProductUnitOfMeasureCode
97 GlobalPartnerClassificationCode
98 ProprietaryProductIdentifier
99 FreeFormText
101 ProductQuantity
102 ProductQuantity
106 DateTimeStamp
108 GlobalTrackingReferenceTypeCode
109 ProprietaryShipmentTrackingIdentifier
119 DateTimeStamp
120 ProprietaryDocumentIdentifier
127 GlobalPartnerRoleClassificationCode

RosettaNet Dictionary Elements

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Used in

130 GlobalBusinessIdentifier

131 GlobalSupplyChainCode

132 GlobalPartnerClassificationCode