

Full Material Declaration for attached parts list

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Diotec Semiconductor AG

DUNS-Nummer: 330866844

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Declarations Autorisiert durch:

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Deklaration gilt ab: 1 January 2009 [Approved on 19 September 2016, 15:45 GMT]

Materialien und Stoffe

Verwendung/Andordnung	Material group	% w/w des Materials im Artikel	Substances in the material	CAS Number	% w/w des Stoffs im Artikel
Chip (die)	Other inorganic materials	0.50000%	Silicon dioxide	14808-60-7	1.00000%
			Gold	7440-57-5	11.50000%
			Polydimethylsiloxane rubber	63394-02-5	25.00000%
			Silicon	7440-21-3	62.50000%
Die attach	Lead and Lead alloys	0.20000%	Silver	7440-22-4	2.50000%
			Tin	7440-31-5	5.00000%
			Lead	7439-92-1	92.50000%
Encapsulation	EP (Epoxy resin)	33.00000%	1,3-Isobenzofurandione, hexahydro-5-methyl-	19438-60-9	0.10000%
			Low molecular weight solid DGEBA- based epoxy resins	25068-38-6	1.25000%
			Benzyl-N,N-dimethylamine	103-83-3	3.10000%
			1,3- Isobenzofurandione, 3a,4,7,7a- tetrahydro- 4-methyl-	5333-84-6	6.00000%
			cis-1,2,3,6-Tetrahydrophthalic anhydride	85-43-8	9.25000%
			1,3-Isobenzofurandione, tetrahydro-5-methyl-	34090-76-1	10.65000%
			7-Oxabicyclo(4.1.0)heptane-3- carboxylic acid, 7-oxabicyclo(4.1.0)hept- 3-ylmethyl ester	2386-87-0	14.65000%
			Silica	14808-60-7	55.00000%

Housing	UP (Unsaturated polyester)	26.00000%	ANTIMONY TRIOXIDE	1309-64-4	17.00000%
			polyethylene-ethyl acrylate	9010-86-0	28.00000%
			Glass fibers	65997-17-3	55.00000%
Leadfinish	Tin plating	0.10000%	Tin	7440-31-5	100.00000%
Leadframe	Copper (e.g. copper amounts in cable harnesses)	40.20000%	Copper	7440-50-8	100.00000%

Beigefügte Artikelliste

Part number	Artikelbezeichnung	Artikelmasse	Artikelmasse UoM
PB10xx	Bridge Rectifier Square	3.5	g

Based on the information currently available, these substances do not pose any risk if the articles are used as intended (including disposal). Additional information is not necessary to allow safe use of the article.

Deklaration gilt ab: 1 January 2009 [Approved on 19 September 2016, 15:22 GMT]

Materialien und Stoffe

Verwendung/Andordnung	Material group	% w/w des Materials im Artikel	Substances in the material	CAS Number	% w/w des Stoffs im Artikel
Base material	Cast aluminium alloys	22.40000%	iron	14127-53-8	0.50000%
			Aluminum	7429-90-5	99.50000%
Chip (die)	Other inorganic materials	0.30000%	Silicon dioxide	14808-60-7	1.00000%
			Gold	7440-57-5	11.50000%
			Polydimethylsiloxane rubber	63394-02-5	25.00000%
			Silicon	7440-21-3	62.50000%
Die attach	Lead and Lead alloys	0.20000%	Silver	7440-22-4	2.50000%
			Tin	7440-31-5	5.00000%
			Lead	7439-92-1	92.50000%
Encapsulation	EP (Epoxy resin)	15.50000%	1,3-Isobenzofurandione, hexahydro-5-methyl-	19438-60-9	0.10000%
			Low molecular weight solid DGEBA- based epoxy resins	25068-38-6	1.25000%
			Benzyl-N,N-dimethylamine	103-83-3	3.10000%
			1,3- Isobenzofurandione, 3a,4,7,7a- tetrahydro- 4-methyl-	5333-84-6	6.00000%

	resin)		cis-1,2,3,6-Tetrahydrophthalic anhydride	85-43-8	9.25000%
			1,3-Isobenzofurandione, tetrahydro-5-methyl-	34090-76-1	10.65000%
			7-Oxabicyclo[4.1.0]heptane-3- carboxylic acid, 7-oxabicyclo[4.1.0]hept- 3-ylmethyl ester	2386-87-0	14.65000%
			Silica	14808-60-7	55.00000%
Housing	UP (Unsaturated polyester)	16.50000%	ANTIMONY TRIOXIDE	1309-64-4	17.00000%
			polyethylene-ethyl acrylate	9010-86-0	28.00000%
			Glass fibers	65997-17-3	55.00000%
Leadfinish	Tin plating	0.10000%	Tin	7440-31-5	100.00000%
Leadframe	Copper (e.g. copper amounts in cable harnesses)	45.00000%	Copper	7440-50-8	100.00000%

Beigefügte Artikelliste

Part number	Artikelbezeichnung	Artikelmasse	Artikelmasse UoM
PB10xxS		3.5	g

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