



Material Content Data Sheet



Sales Product Name	SP370-25-116-0			Issued	25. January 2018			
MA#	MA001088334							
Package	PG-DSOSP-14-64			Weight*	619.56 mg			
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	12.623	2.04	2.04	20375	20375
leadframe	inorganic material	phosphorus	7723-14-0	0.044	0.01		71	
	non noble metal	zinc	7440-66-6	0.176	0.03		283	
	non noble metal	iron	7439-89-6	3.511	0.57		5667	
wire	non noble metal	copper	7440-50-8	142.572	23.01	23.62	230116	236137
	noble metal	gold	7440-57-5	6.580	1.06	1.06	10621	10621
	encapsulation	organic material	carbon black	1333-86-4	0.878	0.14		1417
encapsulation	plastics	silicone resin	-	3.811	0.62		6151	
	plastics	epoxy resin	-	47.419	7.65		76536	
	inorganic material	silicondioxide	60676-86-0	390.766	63.06	71.47	630712	714816
leadfinish	non noble metal	tin	7440-31-5	4.526	0.73	0.73	7305	7305
plating	noble metal	silver	7440-22-4	2.637	0.43	0.43	4256	4256
glue	plastics	maleimide resin	-	0.804	0.13		1298	
	noble metal	silver	7440-22-4	3.217	0.52	0.65	5192	6490
*deviation	< 10%			Sum in total:		100.00		1000000

Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
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3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com