



Material Content Data Sheet



Sales Product Name		SP270-25-256-0		Issued		24. January 2018			
MA#		MA001811584							
Package		PG-DSOSP-14-64		Weight*		635.13 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	18.683	2.94	2.94	29416	29416	
leadframe	inorganic material	phosphorus	7723-14-0	0.044	0.01		69		
	non noble metal	zinc	7440-66-6	0.176	0.03		276		
	non noble metal	iron	7439-89-6	3.511	0.55		5528		
wire	non noble metal	copper	7440-50-8	142.572	22.45	23.04	224477	230350	
	noble metal	gold	7440-57-5	0.941	0.15	0.15	1482	1482	
	encapsulation	organic material	carbon black	1333-86-4	0.905	0.14		1425	
encapsulation	plastics	silicone resin	-	3.390	0.53		5338		
	plastics	epoxy resin	-	48.882	7.70		76963		
	inorganic material	silicondioxide	60676-86-0	402.821	63.42	71.79	634236	717962	
leadfinish	non noble metal	tin	7440-31-5	4.526	0.71	0.71	7126	7126	
plating	noble metal	silver	7440-22-4	2.637	0.42	0.42	4151	4151	
glue	plastics	maleimide resin	-	1.208	0.19		1903		
	noble metal	silver	7440-22-4	4.833	0.76	0.95	7610	9513	
*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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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

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