



Material Content Data Sheet



Sales Product Name		SP270-25-256-0		Issued		14. September 2018		
MA#		MA002472676						
Package		PG-DSOSP-14-64		Weight*		599.94 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	inorganic material	silicon	7440-21-3	6.059	1.01	1.01	10100	10100
chip_2	inorganic material	silicon	7440-21-3	6.059	1.01	1.01	10100	10100
leadframe	inorganic material	phosphorus	7723-14-0	0.044	0.01		73	
	non noble metal	zinc	7440-66-6	0.176	0.03		293	
	non noble metal	iron	7439-89-6	3.511	0.59		5853	
wire	non noble metal	copper	7440-50-8	142.572	23.76	24.39	237641	243860
	noble metal	gold	7440-57-5	0.941	0.16	0.16	1568	1568
	organic material	carbon black	1333-86-4	0.840	0.14		1400	
encapsulation	plastics	silicone resin	-	9.440	1.57		15735	
	plastics	epoxy resin	-	45.353	7.56		75596	
	inorganic material	silicondioxide	60676-86-0	373.744	62.30	71.57	622965	715696
leadfinish	non noble metal	tin	7440-31-5	4.526	0.75	0.75	7544	7544
plating	noble metal	silver	7440-22-4	2.637	0.44	0.44	4395	4395
glue	plastics	maleimide resin	-	0.808	0.13		1347	
	noble metal	silver	7440-22-4	3.234	0.54	0.67	5390	6737
*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

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