

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	NLM0011	**Issued**	15. May 2021
MA#	MA005344227		
Package	PG-SOT23-5-2	**Weight***	15.25 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	0.574	3.76	3.76	37630	37630
leadframe	inorganic material	phosphorus	7723-14-0	0.002	0.01		112	
	non noble metal	zinc	7440-66-6	0.007	0.04		449	
	non noble metal	iron	7439-89-6	0.137	0.90		8975	
	non noble metal	copper	7440-50-8	5.557	36.44	37.39	364427	373963
wire	noble metal	gold	7440-57-5	0.029	0.19	0.19	1894	1894
encapsulation	organic material	carbon black	1333-86-4	0.017	0.11		1093	
	plastics	epoxy resin	-	1.274	8.36		83583	
	inorganic material	silicondioxide	60676-86-0	7.038	46.17	54.64	461616	546292
leadfinish	non noble metal	tin	7440-31-5	0.263	1.73	1.73	17269	17269
plating	noble metal	silver	7440-22-4	0.031	0.20	0.20	2028	2028
glue	plastics	acrylic resin	-	0.070	0.46		4603	
	noble metal	silver	7440-22-4	0.249	1.63	2.09	16321	20924
*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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