

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	NAC1080	**Issued**	27. April 2022
MA#	MA005734237		
Package	PG-DSO-16-45	**Weight***	152.65 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	2.717	1.78	1.78	17798	17798
leadframe	inorganic material	phosphorus	7723-14-0	0.016	0.01		105	
	non noble metal	zinc	7440-66-6	0.064	0.04		419	
	non noble metal	iron	7439-89-6	1.280	0.84		8388	
	non noble metal	copper	7440-50-8	51.990	34.06	34.95	340588	349500
wires	noble metal	gold	7440-57-5	0.000			1	
	noble metal	palladium	7440-05-3	0.002			10	
	non noble metal	copper	7440-50-8	0.062	0.04	0.04	407	418
encapsulation	organic material	carbon black	1333-86-4	0.282	0.18		1847	
	plastics	epoxy resin	-	9.115	5.97		59710	
	inorganic material	silicondioxide	60676-86-0	84.568	55.41	61.56	554008	615565
leadfinish	non noble metal	tin	7440-31-5	1.530	1.00	1.00	10024	10024
plating	noble metal	silver	7440-22-4	0.213	0.14	0.14	1396	1396
glue	plastics	acrylic resin	-	0.178	0.12		1166	
	noble metal	silver	7440-22-4	0.631	0.41	0.53	4133	5299
*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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