

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICE2PCS02	**Issued**	11. August 2021
MA#	MA000956864		
Package	PG-DIP-8-12	**Weight***	545.58 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	1.787	0.33	0.33	3275	3275
leadframe	inorganic material	phosphorus	7723-14-0	0.050	0.01		91	
	non noble metal	zinc	7440-66-6	0.198	0.04		363	
	non noble metal	iron	7439-89-6	3.961	0.73		7261	
	non noble metal	copper	7440-50-8	160.843	29.48	30.26	294809	302524
wire	noble metal	gold	7440-57-5	0.217	0.04	0.04	398	398
encapsulation	organic material	carbon black	1333-86-4	1.108	0.20		2032	
	plastics	epoxy resin	-	35.838	6.57		65688	
	inorganic material	silicondioxide	60676-86-0	332.519	60.95	67.72	609472	677192
leadfinish	non noble metal	tin	7440-31-5	7.496	1.37	1.37	13739	13739
plating	noble metal	silver	7440-22-4	0.407	0.07	0.07	747	747
glue	plastics	acrylic resin	-	0.232	0.04		425	
	noble metal	silver	7440-22-4	0.927	0.17	0.21	1700	2125
*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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