



Material Content Data Sheet



Halogen-Free

Sales Product Name	2EDF7275K	Issued	16. April 2021
MA#	MA005419627		
Package	PG-TFLGA-13-1	Weight*	51.02 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	1.097	2.15	2.15	21495	21495
chip_2	inorganic material	silicon	7440-21-3	0.564	1.11	1.11	11063	11063
chip_3	inorganic material	silicon	7440-21-3	0.564	1.11	1.11	11063	11063
wire	noble metal	gold	7440-57-5	0.363	0.71	0.71	7105	7105
encapsulation	organic material	carbon black	1333-86-4	0.307	0.60		6024	
	plastics	epoxy resin	-	2.920	5.72		57232	
	inorganic material	silicondioxide	60676-86-0	27.509	53.91	60.23	539181	602437
leadfinish	noble metal	gold	7440-57-5	0.126	0.25		2462	
	non noble metal	nickel	7440-02-0	0.143	0.28	0.53	2808	5270
substrate	plastics	bismaleimide triazine resin	-	1.922	3.77		37669	
	inorganic material	aluminiumhydroxide	21645-51-2	2.114	4.14		41436	
	inorganic material	glass fibre	-	3.652	7.16		71571	
	non noble metal	copper	7440-50-8	5.343	10.47	25.54	104720	255396
plating	noble metal	gold	7440-57-5	0.638	1.25		12502	
	non noble metal	nickel	7440-02-0	0.727	1.43	2.68	14259	26761
glue	plastics	epoxy resin	-	0.392	0.77		7686	
	noble metal	silver	7440-22-4	1.176	2.31	3.08	23059	30745
solder resists	plastics	epoxy resin	-	0.339	0.66		6650	
	inorganic material	bariumsulfate	7727-43-7	0.521	1.02		10205	
	plastics	acrylic resin	-	0.603	1.18	2.86	11810	28665
*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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com