

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	2EDF7235K	**Issued**	21. June 2021
MA#	MA002859284		
Package	PG-TFLGA-13-1	**Weight***	51.03 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	0.564	1.11	1.11	11061	11061
chip_2	inorganic material	silicon	7440-21-3	0.564	1.11	1.11	11061	11061
chip_3	inorganic material	silicon	7440-21-3	1.097	2.15	2.15	21490	21490
wire	noble metal	gold	7440-57-5	0.377	0.74	0.74	7390	7390
encapsulation	organic material	carbon black	1333-86-4	0.307	0.60		6023	
	plastics	epoxy resin	-	2.920	5.72		57214	
	inorganic material	silicondioxide	60676-86-0	27.508	53.88	60.20	539015	602252
leadfinish	noble metal	gold	7440-57-5	0.126	0.25		2461	
	non noble metal	nickel	7440-02-0	0.143	0.28	0.53	2807	5268
substrate	plastics	bismaleimide triazine resin	-	1.922	3.77		37659	
	inorganic material	aluminiumhydroxide	21645-51-2	2.114	4.14		41425	
	inorganic material	glass fibre	-	3.652	7.16		71553	
	non noble metal	copper	7440-50-8	5.343	10.47	25.54	104692	255329
plating	noble metal	gold	7440-57-5	0.638	1.25		12499	
	non noble metal	nickel	7440-02-0	0.727	1.43	2.68	14255	26754
glue	plastics	epoxy resin	-	0.392	0.77		7684	
	noble metal	silver	7440-22-4	1.176	2.31	3.08	23053	30737
solder resists	plastics	epoxy resin	-	0.339	0.66		6649	
	inorganic material	bariumsulfate	7727-43-7	0.521	1.02		10202	
	plastics	acrylic resin	-	0.603	1.18	2.86	11807	28658
*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.

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