

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	1EDF5673K	**Issued**	18. August 2021
MA#	MA005538885		
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	11062	11062
chip_2	inorganic material	silicon	7440-21-3	0.564	1.11	1.11	11062	11062
chip_3	inorganic material	silicon	7440-21-3	1.097	2.15	2.15	21492	21492
wire	noble metal	gold	7440-57-5	0.371	0.73	0.73	7267	7267
encapsulation	organic material	carbon black	1333-86-4	0.307	0.60		6023	
	plastics	epoxy resin	-	2.920	5.72		57222	
	inorganic material	silicondioxide	60676-86-0	27.508	53.89	60.21	539086	602331
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	2807	5269
plating	noble metal	gold	7440-57-5	0.638	1.25		12501	
	non noble metal	nickel	7440-02-0	0.727	1.43	2.68	14257	26758
glue	plastics	epoxy resin	-	0.392	0.77		7685	
	noble metal	silver	7440-22-4	1.176	2.31	3.08	23056	30741
solder resists	plastics	epoxy resin	-	0.339	0.66		6649	
	inorganic material	bariumsulfate	7727-43-7	0.521	1.02		10203	
	plastics	acrylic resin	-	0.603	1.18	2.86	11808	28660
substrate metal	non noble metal	copper	7440-50-8	5.343	10.47	10.47	104704	104704
substrate plastic	plastics	bismaleimide triazine resin	-	1.922	3.77		37663	
	inorganic material	aluminiumhydroxide	21645-51-2	2.114	4.14		41430	
	inorganic material	glass fibre	-	3.652	7.16	15.07	71561	150654
*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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