

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	MA5332M	**Issued**	03. June 2021
MA#	MA005348810		
Package	PG-IQFN-42-1	**Weight***	139.07 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	5.101	3.67	3.67	36681	36681
chip_2	inorganic material	silicon	7440-21-3	1.223	0.88	0.88	8794	8794
chip_3	inorganic material	silicon	7440-21-3	1.223	0.88	0.88	8794	8794
chip_4	inorganic material	silicon	7440-21-3	1.223	0.88	0.88	8794	8794
chip_5	inorganic material	silicon	7440-21-3	1.223	0.88	0.88	8794	8794
leadframe	inorganic material	phosphorus	7723-14-0	0.018	0.01		129	
	non noble metal	zinc	7440-66-6	0.072	0.05		515	
	non noble metal	iron	7439-89-6	1.434	1.03		10309	
	non noble metal	copper	7440-50-8	58.213	41.85	42.94	418584	429537
wire	noble metal	gold	7440-57-5	0.504	0.36		3624	
	non noble metal	copper	7440-50-8	0.504	0.36	0.72	3625	7249
encapsulation	organic material	carbon black	1333-86-4	0.189	0.14		1361	
	plastics	epoxy resin	-	6.121	4.40		44014	
	inorganic material	silicondioxide	60676-86-0	56.794	40.84	45.38	408380	453755
leadfinish	noble metal	palladium	7440-05-3	0.001			4	
	noble metal	silver	7440-22-4	0.001			4	
	noble metal	gold	7440-57-5	0.001			7	
	non noble metal	nickel	7440-02-0	0.985	0.71	0.71	7079	7094
plating	noble metal	silver	7440-22-4	0.008	0.01		59	
	noble metal	palladium	7440-05-3	0.009	0.01		67	
	noble metal	gold	7440-57-5	0.015	0.01		108	
	non noble metal	nickel	7440-02-0	0.274	0.20	0.23	1968	2202
glue	organic material	Isobornyl methacrylate	7534-94-3	0.394	0.28		2831	
	noble metal	silver	7440-22-4	3.543	2.55	2.83	25475	28306
*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.

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

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