

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IMWH170R1K0M1	**Issued**	10. June 2024
MA#	MA005920085		
Package	PG-TO247-3-67	**Weight***	5974.67 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	non noble metal	tin	7440-31-5	0.015	0.000	0.016	2	161
	noble metal	gold	7440-57-5	0.058	0.001		10	
	inorganic material	siliconcarbide	409-21-2	0.888	0.015		149	
leadframe	inorganic material	phosphorus	7723-14-0	1.179	0.020	65.781	197	657813
	non noble metal	iron	7439-89-6	3.930	0.066		658	
	non noble metal	copper	7440-50-8	3,925.108	65.696		656958	
wire	non noble metal	aluminium	7429-90-5	0.362	0.006	0.006	61	61
encapsulation	organic material	carbon black	1333-86-4	15.194	0.254	33.907	2543	339070
	organic material	phenol formaldehyde resin	9003-35-4	84.477	1.414		14139	
	non noble metal	metal hydroxide	-	185.769	3.109		31093	
	plastics	epoxy resin	29690-82-2	276.526	4.628		46283	
	inorganic material	silicondioxide	60676-86-0	1,463.864	24.501		245012	
leadfinish	non noble metal	tin	7440-31-5	17.304	0.290	0.290	2896	2896
*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.

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