

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IMWH170R450M1	**Issued**	10. June 2024
MA#	MA005920094		
Package	PG-TO247-3-67	**Weight***	5975.67 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	0.025	0.000	0.027	4	269
	noble metal	gold	7440-57-5	0.097	0.002		16	
	inorganic material	siliconcarbide	409-21-2	1.487	0.025		249	
leadframe	inorganic material	phosphorus	7723-14-0	1.179	0.020	65.770	197	657703
	non noble metal	iron	7439-89-6	3.930	0.066		658	
	non noble metal	copper	7440-50-8	3,925.108	65.685		656848	
wire	non noble metal	aluminium	7429-90-5	2.830	0.047	0.047	474	474
encapsulation	organic material	carbon black	1333-86-4	15.178	0.254	33.866	2540	338658
	organic material	phenol formaldehyde resin	9003-35-4	84.389	1.412		14122	
	non noble metal	metal hydroxide	-	185.574	3.105		31055	
	plastics	epoxy resin	29690-82-2	276.236	4.623		46227	
	inorganic material	silicondioxide	60676-86-0	1,462.333	24.471		244715	
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.
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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