



Material Content Data Sheet



Sales Product Name	IMW65R027M1H			Issued		11. December 2019		
MA#	MA005400152							
Package	PG-TO247-3-41			Weight*		6047.69 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	siliconcarbide	409-21-2	4.941	0.08	0.08	817	817
leadframe	inorganic material	phosphorus	7723-14-0	0.159	0.00		26	
	non noble metal	iron	7439-89-6	0.530	0.01		88	
	non noble metal	copper	7440-50-8	529.068	8.75	8.76	87483	87597
wire	non noble metal	aluminium	7429-90-5	4.257	0.07	0.07	704	704
encapsulation	organic material	carbon black	1333-86-4	20.032	0.33		3312	
	plastics	epoxy resin	-	380.613	6.29		62935	
	inorganic material	silicondioxide	60676-86-0	1602.580	26.50	33.12	264991	331238
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5270	5270
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4806	4806
solder	non noble metal	antimony	7440-36-0	0.209	0.00		35	
	noble metal	silver	7440-22-4	0.523	0.01		86	
	non noble metal	tin	7440-31-5	1.359	0.02	0.03	225	346
heatspreader	inorganic material	phosphorus	7723-14-0	1.033	0.02		171	
	non noble metal	iron	7439-89-6	3.442	0.06		569	
	non noble metal	copper	7440-50-8	3438.006	56.85	56.93	568482	569222
*deviation	< 10%	Sum in total:			100.00		1000000	

Important Remarks:

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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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