



## Material Content Data Sheet



<b>Sales Product Name</b>				AIHD15N60R		<b>Issued</b>		25. January 2018	
<b>MA#</b>				MA001393172					
<b>Package</b>				PG-TO252-3-313		<b>Weight*</b>		318.03 mg	
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]	
chip	inorganic material	silicon	7440-21-3	1.995	0.63	0.63	6272	6272	
leadframe	inorganic material	phosphorus	7723-14-0	0.044	0.01		139		
	non noble metal	iron	7439-89-6	0.147	0.05		463		
	non noble metal	copper	7440-50-8	147.096	46.25	46.31	462525	463127	
	non noble metal	aluminium	7429-90-5	1.016	0.32	0.32	3195	3195	
wire	non noble metal	aluminium	7429-90-5	1.016	0.32	0.32	3195	3195	
encapsulation	organic material	carbon black	1333-86-4	1.412	0.44		4441		
	plastics	epoxy resin	-	24.714	7.77		77710		
	inorganic material	silicondioxide	60676-86-0	115.097	36.19	44.40	361909	444060	
leadfinish	non noble metal	tin	7440-31-5	3.740	1.18	1.18	11760	11760	
plating	inorganic material	phosphorus	7723-14-0	0.003	0.00		11		
	non noble metal	nickel	7440-02-0	1.421	0.45	0.45	4467	4478	
solder	non noble metal	tin	7440-31-5	0.043	0.01		135		
	noble metal	silver	7440-22-4	0.054	0.02		168		
	non noble metal	lead	7439-92-1	2.044	0.64	0.67	6426	6729	
heatspreader	inorganic material	phosphorus	7723-14-0	0.006	0.00		18		
	non noble metal	iron	7439-89-6	0.019	0.01		60		
	non noble metal	copper	7440-50-8	19.177	6.03	6.04	60301	60379	
*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 contains Pb according RoHS exemption 7a, Lead in high melting temperature type solders.

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