



Material Content Data Sheet



Sales Product Name		IPD90P03P4-04		Issued		1. August 2018		
MA#		MA001659460						
Package		PG-TO252-3-11		Weight*		371.84 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	4.029	1.08	1.08	10834	10834
leadframe	inorganic material	phosphorus	7723-14-0	0.065	0.02		174	
	non noble metal	iron	7439-89-6	0.215	0.06		579	
	non noble metal	copper	7440-50-8	215.017	57.82	57.90	578255	579008
	non noble metal	aluminium	7429-90-5	4.193	1.13	1.13	11277	11277
wire	non noble metal	aluminium	7429-90-5	4.193	1.13	1.13	11277	11277
encapsulation	organic material	carbon black	1333-86-4	1.221	0.33		3282	
	plastics	epoxy resin	-	21.360	5.74		57444	
	inorganic material	silicondioxide	60676-86-0	99.475	26.75	32.82	267523	328249
leadfinish	non noble metal	tin	7440-31-5	3.740	1.01	1.01	10058	10058
plating	inorganic material	phosphorus	7723-14-0	0.000	0.00		1	
	non noble metal	nickel	7440-02-0	0.091	0.02	0.02	244	245
solder	non noble metal	tin	7440-31-5	0.065	0.02		174	
	noble metal	silver	7440-22-4	0.081	0.02		217	
	non noble metal	lead	7439-92-1	3.085	0.83	0.87	8296	8687
heatspreader	inorganic material	phosphorus	7723-14-0	0.006	0.00		15	
	non noble metal	iron	7439-89-6	0.019	0.01		52	
	non noble metal	copper	7440-50-8	19.177	5.16	5.17	51575	51642
*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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