



Material Content Data Sheet



Sales Product Name		SPA07N60CFD		Issued		11. May 2016		
MA#		MA000701012						
Package		PG-TO220-3-121		Weight*		2245.15 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	4.883	0.22	0.22	2175	2175
leadframe	non noble metal	iron	7439-89-6	0.687	0.03		306	
	inorganic material	phosphorus	7723-14-0	0.206	0.01		92	
	non noble metal	copper	7440-50-8	686.221	30.56	30.60	305647	306045
wire	non noble metal	aluminium	7429-90-5	7.116	0.32	0.32	3169	3169
encapsulation	organic material	carbon black	1333-86-4	2.240	0.10		998	
	plastics	epoxy resin	-	207.619	9.25		92474	
	inorganic material	silicondioxide	60676-86-0	892.491	39.75	49.10	397519	490992
leadfinish	non noble metal	tin	7440-31-5	7.942	0.35	0.35	3537	3537
plating	non noble metal	nickel	7440-02-0	0.305	0.01		136	
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	1	136
solder	non noble metal	antimony	7440-36-0	0.276	0.01		123	
	noble metal	silver	7440-22-4	0.691	0.03		308	
	non noble metal	tin	7440-31-5	1.796	0.08	0.12	800	1231
heatspreader	non noble metal	iron	7439-89-6	0.433	0.02		193	
	inorganic material	phosphorus	7723-14-0	0.130	0.01		58	
	non noble metal	copper	7440-50-8	432.110	19.25	19.28	192464	192715
*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 2011/65/EU (RoHS) and does not use any exemption.

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com