



Material Content Data Sheet



Sales Product Name		IPD60R650CE		Issued		1. August 2018		
MA#		MA001702428						
Package		PG-TO252-3-343		Weight*		312.24 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	3.063	0.98	0.98	9809	9809
leadframe	inorganic material	phosphorus	7723-14-0	0.041	0.01		132	
	non noble metal	iron	7439-89-6	0.137	0.04		440	
	non noble metal	copper	7440-50-8	137.105	43.91	43.96	439106	439678
	non noble metal	aluminium	7429-90-5	0.474	0.15	0.15	1517	1517
wire	non noble metal	aluminium	7429-90-5	0.474	0.15	0.15	1517	1517
encapsulation	organic material	carbon black	1333-86-4	1.317	0.42		4218	
	plastics	epoxy resin	-	25.026	8.02		80151	
	inorganic material	silicondioxide	60676-86-0	105.373	33.75	42.19	337477	421846
leadfinish	non noble metal	tin	7440-31-5	3.834	1.23	1.23	12278	12278
solder	non noble metal	tin	7440-31-5	0.057	0.02		181	
	noble metal	silver	7440-22-4	0.071	0.02		227	
	non noble metal	lead	7439-92-1	2.702	0.87	0.91	8654	9062
heatspreader	inorganic material	phosphorus	7723-14-0	0.010	0.00		32	
	non noble metal	iron	7439-89-6	0.033	0.01		106	
	non noble metal	copper	7440-50-8	32.995	10.57	10.58	105672	105810
*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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