



Material Content Data Sheet



Sales Product Name		IPD60R650CE		Issued		27. September 2017			
MA#		MA001581858							
Package		PG-TO252-3-343		Weight*		312.73 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	9794	9794	
leadframe	non noble metal	iron	7439-89-6	0.137	0.04		439		
	inorganic material	phosphorus	7723-14-0	0.041	0.01		132		
	non noble metal	copper	7440-50-8	137.105	43.86	43.91	438416	438987	
wire	non noble metal	aluminium	7429-90-5	4.737	1.51	1.51	15148	15148	
encapsulation	organic material	carbon black	1333-86-4	1.279	0.41		4091		
	plastics	epoxy resin	-	24.309	7.77		77733		
	inorganic material	silicondioxide	60676-86-0	102.355	32.73	40.91	327297	409121	
leadfinish	non noble metal	tin	7440-31-5	3.834	1.23	1.23	12258	12258	
solder	noble metal	silver	7440-22-4	0.071	0.02		226		
	non noble metal	tin	7440-31-5	0.057	0.02		181		
	non noble metal	lead	7439-92-1	2.702	0.86	0.90	8641	9048	
heatspreader	non noble metal	iron	7439-89-6	0.033	0.01		106		
	inorganic material	phosphorus	7723-14-0	0.010	0.00		32		
	non noble metal	copper	7440-50-8	32.995	10.55	10.56	105506	105644	
*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.

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