



Material Content Data Sheet



Sales Product Name		IPW65R080CFD		Issued		25. September 2017		
MA#		MA001008574						
Package		PG-TO247-3-41		Weight*		6054.97 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	21.927	0.36	0.36	3621	3621
leadframe	non noble metal	iron	7439-89-6	0.530	0.01		87	
	inorganic material	phosphorus	7723-14-0	0.159	0.00		26	
	non noble metal	copper	7440-50-8	529.068	8.74	8.75	87378	87491
wire	non noble metal	aluminium	7429-90-5	9.309	0.15	0.15	1537	1537
encapsulation	organic material	carbon black	1333-86-4	19.820	0.33		3273	
	plastics	epoxy resin	-	376.589	6.22		62195	
	inorganic material	silicondioxide	60676-86-0	1585.637	26.19	32.74	261874	327342
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5264	5264
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4800	4800
solder	non noble metal	antimony	7440-36-0	0.851	0.01		141	
	noble metal	silver	7440-22-4	2.127	0.04		351	
	non noble metal	tin	7440-31-5	5.530	0.09	0.14	913	1405
heatspreader	inorganic material	phosphorus	7723-14-0	1.033	0.02		171	
	non noble metal	iron	7439-89-6	3.442	0.06		569	
	non noble metal	copper	7440-50-8	3438.006	56.77	56.85	567800	568540
*deviation	< 10%		Sum in total:			100.00		1000000

Important Remarks:

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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 does not use any exemption

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