



Material Content Data Sheet



Sales Product Name		IPW90R340C3		Issued		29. August 2013		
MA#		MA000468404						
Package		PG-TO247-3-41		Weight*		6050.21 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	13.276	0.22	0.22	2194	2194
leadframe	non noble metal	iron	7439-89-6	3.972	0.07		657	
	inorganic material	phosphorus	7723-14-0	1.192	0.02		197	
	non noble metal	copper	7440-50-8	3967.074	65.56	65.65	655693	656547
wire	non noble metal	aluminium	7429-90-5	3.974	0.07	0.07	657	657
encapsulation	organic material	carbon black	1333-86-4	19.941	0.33		3296	
	plastics	epoxy resin	-	378.878	6.26		62622	
	inorganic material	silicondioxide	60676-86-0	1595.277	26.37	32.96	263673	329591
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5268	5268
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4804	4804
solder	non noble metal	antimony	7440-36-0	0.568	0.01		94	
	noble metal	silver	7440-22-4	1.420	0.02		235	
	non noble metal	tin	7440-31-5	3.693	0.06	0.09	610	939
*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.
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