



Material Content Data Sheet



Sales Product Name	IJW120R070T1			Issued		23. March 2016		
MA#	MA001052530							
Package	PG-TO247-3-41			Weight*		6056.08 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	4.051	0.07	0.07	669	669
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	87362	87475
wire	non noble metal	aluminium	7429-90-5	86.793	1.43	1.43	14331	14331
encapsulation	organic material	carbon black	1333-86-4	19.297	0.32		3186	
	plastics	epoxy resin	-	366.651	6.05		60543	
	inorganic material	silicondioxide	60676-86-0	1543.795	25.49	31.86	254917	318646
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5263	5263
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4799	4799
solder	non noble metal	antimony	7440-36-0	0.232	0.00		38	
	noble metal	silver	7440-22-4	0.579	0.01		96	
	non noble metal	tin	7440-31-5	1.506	0.02	0.03	249	383
heatspreader	non noble metal	iron	7439-89-6	3.442	0.06		568	
	inorganic material	phosphorus	7723-14-0	1.033	0.02		171	
	non noble metal	copper	7440-50-8	3438.006	56.77	56.85	567695	568434
*deviation	< 10%	Sum in total:			100.00		1000000	

Important Remarks:

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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.

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