



Material Content Data Sheet



Sales Product Name		SLJ 52GCA150CL M5.1		Issued		22. January 2018		
MA#		MA001289588						
Package		T-M5.1-8-1		Weight*		126.50 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	3.906	3.09	3.09	30880	30880
wire	noble metal	gold	7440-57-5	0.131	0.10	0.10	1036	1036
encapsulation	inorganic material	silicondioxide	60676-86-0	20.760	16.41		164110	
	plastics	epoxy resin	-	27.519	21.75	38.16	217541	381651
leadfinish	noble metal	gold	7440-57-5	0.036	0.03		284	
	non noble metal	nickel	7440-02-0	2.888	2.28	2.31	22834	23118
substrate	inorganic material	glass fibre	-	12.652	10.00		100020	
	plastics	epoxy resin	-	18.979	15.00		150030	
	non noble metal	copper	7440-50-8	38.275	30.28	55.28	302574	552624
plating	noble metal	gold	7440-57-5	0.082	0.06		646	
	non noble metal	nickel	7440-02-0	0.302	0.24	0.30	2386	3032
glue	plastics	epoxy resin	-	0.242	0.19		1915	
	noble metal	silver	7440-22-4	0.727	0.57	0.76	5744	7659
*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 does not use any exemption

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