

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICE3A2065ELJ	**Issued**	23. June 2021
MA#	MA005547802		
Package	PG-DIP-8-13	**Weight***	557.41 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	inorganic material	silicon	7440-21-3	2.957	0.53	0.53	5305	5305
chip_2	inorganic material	silicon	7440-21-3	1.389	0.25	0.25	2493	2493
leadframe	inorganic material	phosphorus	7723-14-0	0.054	0.01		96	
	non noble metal	zinc	7440-66-6	0.215	0.04		385	
	non noble metal	iron	7439-89-6	4.297	0.77		7709	
	non noble metal	copper	7440-50-8	174.475	31.30	32.12	313012	321202
wire	noble metal	gold	7440-57-5	0.282	0.05	0.05	506	506
encapsulation	organic material	carbon black	1333-86-4	1.091	0.20		1956	
	plastics	epoxy resin	-	35.261	6.33		63259	
	inorganic material	silicondioxide	60676-86-0	327.162	58.70	65.23	586937	652152
leadfinish	non noble metal	tin	7440-31-5	7.496	1.34	1.34	13448	13448
plating	noble metal	silver	7440-22-4	0.796	0.14	0.14	1428	1428
glue	plastics	epoxy resin	-	0.290	0.05		520	
	noble metal	silver	7440-22-4	1.642	0.29	0.34	2946	3466
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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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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