

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	2ED21091S06F	**Issued**	17. May 2021
MA#	MA005409415		
Package	PG-DSO-8-70	**Weight***	75.21 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	1.438	1.91	1.91	19127	19127
leadframe	inorganic material	phosphorus	7723-14-0	0.008	0.01		104	
	non noble metal	zinc	7440-66-6	0.031	0.04		418	
	non noble metal	iron	7439-89-6	0.628	0.84		8351	
	non noble metal	copper	7440-50-8	25.502	33.91	34.80	339099	347972
wires	noble metal	palladium	7440-05-3	0.000			6	
	non noble metal	copper	7440-50-8	0.043	0.06	0.06	570	576
encapsulation	organic material	carbon black	1333-86-4	0.230	0.31		3052	
	plastics	epoxy resin	-	6.198	8.24		82416	
	inorganic material	silicondioxide	60676-86-0	39.485	52.49	61.04	525019	610487
leadfinish	non noble metal	tin	7440-31-5	0.833	1.11	1.11	11081	11081
plating	noble metal	silver	7440-22-4	0.134	0.18	0.18	1776	1776
glue	plastics	acrylic resin	-	0.149	0.20		1976	
	noble metal	silver	7440-22-4	0.527	0.70	0.90	7005	8981
*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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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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