



Material Content Data Sheet



Halogen-Free

Sales Product Name	TLS805B1SJV	Issued	06. May 2021
MA#	MA001323998		
Package	PG-DSO-8-44	Weight*	82.65 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	0.989	1.20	1.20	11963	11963
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		108	
	non noble metal	zinc	7440-66-6	0.036	0.04		434	
	non noble metal	iron	7439-89-6	0.717	0.87		8677	
	non noble metal	copper	7440-50-8	29.121	35.23	36.15	352336	361555
wire	non noble metal	copper	7440-50-8	0.041	0.05	0.05	500	500
encapsulation	organic material	carbon black	1333-86-4	0.100	0.12		1208	
	plastics	epoxy resin	-	4.592	5.56		55553	
	inorganic material	silicondioxide	60676-86-0	45.217	54.70	60.38	547078	603839
leadfinish	non noble metal	tin	7440-31-5	0.814	0.98	0.98	9847	9847
plating	noble metal	silver	7440-22-4	0.650	0.79	0.79	7867	7867
glue	plastics	acrylic resin	-	0.081	0.10		974	
	noble metal	silver	7440-22-4	0.286	0.35	0.45	3455	4429
*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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