



Material Content Data Sheet



Halogen-Free

Sales Product Name	6EDL7141	Issued	09. September 2021
MA#	MA005571971		
Package	PG-VQFN-48-78	Weight*	121.50 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	4.302	3.54	3.54	35405	35405
leadframe	inorganic material	phosphorus	7723-14-0	0.015	0.01		120	
	non noble metal	zinc	7440-66-6	0.058	0.05		480	
	non noble metal	iron	7439-89-6	1.167	0.96		9603	
	non noble metal	copper	7440-50-8	47.376	38.99	40.01	389931	400134
wires	noble metal	palladium	7440-05-3	0.005			42	
	non noble metal	copper	7440-50-8	0.511	0.42	0.42	4203	4245
encapsulation	organic material	carbon black	1333-86-4	0.196	0.16		1612	
	plastics	epoxy resin	-	10.247	8.43		84341	
	inorganic material	silicondioxide	60676-86-0	54.826	45.15	53.74	451254	537207
leadfinish	noble metal	silver	7440-22-4	0.000			3	
	noble metal	palladium	7440-05-3	0.000			4	
	noble metal	gold	7440-57-5	0.001			6	
	non noble metal	nickel	7440-02-0	0.734	0.60	0.60	6039	6052
plating	noble metal	silver	7440-22-4	0.658	0.54	0.54	5418	5418
glue	plastics	epoxy resin	-	0.224	0.18		1846	
	noble metal	silver	7440-22-4	1.178	0.97	1.15	9693	11539
*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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