



Material Content Data Sheet



Halogen-Free

Sales Product Name IPN80R600P7

Issued

08. February 2022

MA# MA005620522

Package PG-SOT223-3-1

Weight*

117.45 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	2.758	2.35	2.35	23480	23480
leadframe	inorganic material	phosphorus	7723-14-0	0.016	0.01		134	
	non noble metal	iron	7439-89-6	0.052	0.04		446	
	non noble metal	copper	7440-50-8	52.304	44.52	44.57	445322	445902
wire	non noble metal	copper	7440-50-8	0.246	0.21	0.21	2095	2095
encapsulation	organic material	carbon black	1333-86-4	0.173	0.15		1477	
	plastics	epoxy resin	-	6.764	5.76		57590	
	inorganic material	silicondioxide	60676-86-0	50.875	43.32	49.23	433157	492224
leadfinish	non noble metal	tin	7440-31-5	1.352	1.15	1.15	11512	11512
plating	noble metal	silver	7440-22-4	0.220	0.19	0.19	1877	1877
solder	non noble metal	tin	7440-31-5	0.054	0.05		458	
	noble metal	silver	7440-22-4	0.067	0.06		573	
	non noble metal	lead	7439-92-1	2.570	2.19	2.30	21879	22910
*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 contains Pb according RoHS exemption 7a, Lead in high melting temperature type solders.

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