



Manufacturer Information

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Authorised Representative

Name:	Anton Walles
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Product Information

Product:	IQS156 z MSR
Package type:	MSOP/10LD
Manufacturing site:	Anst
Weight:	27.09
Unit:	mg

Manufacturing Process Information

Terminal Plating:	Refer to Table belwo
J-STD MSL Rating:	1
Peak Process Body Temp:	260 °C
Max Time at Peak Temp:	25 Sec
Number of Reflow:	3

Note: 'z' in the product description refers to a user configuration option with value in the range 0 to F (hexadecimal)

RoHS Declaration

Azoteq hereby declares that the product listed above does not contain substances listed by the European Directive 2011/65/EU in concentrations above the specified limits of homogeneous materials used by the product.

Note: RoHS Directive 2011/65/EU of the European Parliament quantity limit of 0.1% by mass(1000 PPM) in homogeneous material for Lead(PB), Mercury, Hexavalent Chromium, Polybrominated Biphenyls(PBB), Polybrominated Diphenyl Ethers(PBDE) and quantity limit of 0.01% by mass(100 PPM) of homogeneous material of Cadmium applies to this declaration.



Uncertainty Statement:

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The full materials composition information follows:

Homogenous material composition for part: IQS156 z MSR based on package: MSOP/10LD with Die: AZQ145																
Composition Part	Material name	Material (weight)	Material % (weight)	Element name composition	CAS No.	Element % (weight)	Element (weight)	Cd (ppm)	Pb (ppm)	Hg(ppm)	Cr+6(ppm)	PBBs	PBDEs	Cl	Br	EU ROHS Exempt
Die	AZQ145	1.74	6.43%	Si Die	7440-21-3	100.00%	1.7420	ND	ND	ND	ND	ND	ND	ND	ND	No
Die Attach	8290	0.04	0.15%	Amine	commercial secret	4.81%	0.0019	ND	ND	ND	ND	ND	ND	0	0	0
				Epoxy Resin	commercial secret	17.18%	0.0069									
				Gamma Butyrolactone	96-48-0	4.81%	0.0019									
				Metal Oxide	commercial secret	4.81%	0.0019									
				Silver	7440-22-4	68.38%	0.0274									
Encapsulation	EME G600	16.50	60.91%	Carbon Black	1333-86-4	0.50%	0.0825	ND	ND	ND	ND	ND	ND	-	-	No
				Epoxy Resin	Trade secret A	5.00%	0.8250									
				Phenol Resin	Trade secret B	5.00%	0.8250									
				Silica(Amorphous)	60676-86-0	89.50%	14.7675									
Lead Frame	C7-SSM 72x96	8.32	30.70%	Ag	7440-22-4	1.29%	0.1073	ND	ND	ND	NEGATIVE	ND	ND	ND	ND	No
				Cu	7440-50-8	95.75%	7.9635									
				Mg	7439-95-4	0.10%	0.0083									
				Ni	7440-02-0	2.21%	0.1838									
				Si	7440-21-3	0.65%	0.0541									

RoHS Material Composition Declaration



Bond Wire	25u	0.14	0.51%	Au	7440-57-5	99.99%	0.1390	ND	ND	ND	NEGATIVE	ND	ND	ND	ND	No
				Other	N/A	0.01%	0.0000									
Plating	Sn	0.35	1.29%	Sn	7440-31-5	99.99%	0.3500	ND	27	ND	ND	ND	ND	ND	ND	No
				Other	N/A	0.01%	0.0000									



Note: Where the product is an assembly with lower level parts, the declaration encompasses all lower level materials for which the manufacturer has
Note: This declaration is made based on the material composition information of the product as indicated above and from information obtained

Signed: Anton Walles:
Position: Senior Logistics Engineer



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