


Product				
Mfr Item Number	Mfr Item Name	Version	Mfr Site	Date
M95256-RMN6TP	PH07*9556BKB	A	998Z	29-03-2018
Amount	UoM	Unit type	ST ECOPACK Grade	
80.00	mg	Each	ECOPACK® 2	
	Comment	ECOPACK® 2 is STMicroelectronics trade name for ROHS compliant device without Brominated and Chlorinated compound (900ppm) and without Antimony oxide flame retardant (in each organic material)		

Manufacturing information				
J-STD-020 MSL Rating	Classification Temp	Nbr of Reflow Cycles		 life.augmented
1	260	3		
bulk Solder Termination	Terminal Plating	Terminal Base Alloy	Comment	
NAC	Nickel/Palladium/Gold (Ni/Pd/Au)	Copper Alloy		

Package Designator	Size	Nbr of instances	Shape	
SON	NAC	8	Gull Wing	
Comment	Package : 07 SO 08 .15 JEDEC 0016023			

QueryList : RoHS Directive 2011/65/EU-July 2011 – Annex II amended by Directive 2015/863-April 2015	
Query	Response
1 - Product(s) meets EU RoHS requirement without any exemptions	TRUE
2 - Product(s) meets EU RoHS requirements except lead in solder and this usage may qualify under the lead in solder '7b' exemption (other selected exemptions may apply)	FALSE
3 - Product(s) meets EU RoHS requirements by application of the selected exemption(s)	FALSE
4 - Product(s) does not meet EU RoHS requirements and is not under exemptions	FALSE
Exemption Id.	Description

QueryList : REACH-12th January 2017				
Query				Response
1 - Product(s) does not contain REACH Substances Of Very High Concern above the limits per the definition within REACH				TRUE
CategoryLevel_Name	CategoryLevel_Threshold	amount in product (mg)	Application	ppm in product

Material Composition Declaration : note : Substance present with less 0.001mg will not be declared in this document						Mfr Item Name	PHO7*95568KB				6999999.0	1000021.0
Homogeneous Material	Material Group	Mass	UoM	Level	Substance Category	Substance	CAS	Exempt	Mass	UoM	Concentration in homogeneous material (ppm)	Concentration in product (ppm)
Die or dies	M-011 Other inorganic materials	1.236	mg	supplier	die	Silicon (Si)	7440-21-3		1.189	mg	961974	14862
				supplier	metallization	Aluminium (Al)	7429-90-5		0.004	mg	3236	50
				supplier	metallization	Titanium (Ti)	7440-32-6		0.001	mg	809	12
				supplier	metallization	Tungsten (W)	7440-33-7		0.001	mg	809	12
				supplier	Passivation	Silicon Nitride	12033-89-5		0.003	mg	2427	37
Lead-frame	M-011 Other inorganic materials	17.694	mg	supplier	Passivation	Silicon Oxide	7631-86-9		0.038	mg	30744	475
				supplier	alloy	Copper (Cu)	7440-50-8		17.243	mg	974500	215533
				supplier	alloy	Iron (Fe)	7439-89-6		0.415	mg	23460	5189
				supplier	alloy	Zinc (Zn)	7440-66-6		0.021	mg	1200	265
Lead-frame Coating	M-011 Other inorganic materials	0.078	mg	supplier	alloy	Iron Phosphide (FeP)	26508-33-8		0.015	mg	840	186
				supplier	coating	Nickel (Ni)	7440-02-0		0.071	mg	914840	890
				supplier	coating	Palladium (Pd)	7440-05-3		0.002	mg	29660	29
				supplier	coating	Gold (Au)	7440-57-5		0.002	mg	27750	27
Die Attach	M-011 Other inorganic materials	0.721	mg	supplier	coating	Silver (Ag)	7440-22-4		0.002	mg	27750	27
				supplier	glue or soft solder	Silver (Ag)	7440-22-4		0.649	mg	900000	8108
				supplier	glue or soft solder	acrylate	Proprietary		0.043	mg	60000	541
				supplier	glue or soft solder	Methacrylate	Proprietary		0.027	mg	38000	342
Wires	M-011 Other inorganic materials	0.029	mg	supplier	glue or soft solder	acrylate	Proprietary		0.001	mg	2000	18
				supplier	Bonding wire	Copper (Cu)	7440-50-8		0.029	mg	1000000	365
				supplier	Moulding Compound	Epoxy Resin	Proprietary		4.557	mg	75641	56961
Encapsulation	M-011 Other inorganic materials	60.244	mg	supplier	Moulding Compound	Phenol Resin	Proprietary		3.038	mg	50428	37974
				supplier	Moulding Compound	Silica, vitreous	60676-86-0		52.102	mg	864854	651274
				supplier	Moulding Compound	Carbon-black	1333-86-4		0.304	mg	5043	3797
				supplier	Bismuth/Bismuth Compounds	Bismuth	7440-69-9		0.243	mg	4034	3038
Finishing	M-011 Other inorganic materials	0.001	mg	supplier	connections coating	Nickel (Ni)	7440-02-0		0.001	mg	914840	9
				supplier	connections coating	Palladium (Pd)	7440-05-3		0.000	mg	29660	0
				supplier	connections coating	Gold (Au)	7440-57-5		0.000	mg	27750	0
				supplier	connections coating	Silver (Ag)	7440-22-4		0.000	mg	27750	0