

RoHS Compliant Declaration for SOT89

No.	Raw Material	Marker / SPCE	Component Wt (mg)	Contents						Material Content (Element)	CAS Number	Element Wt (%)	Element Wt(mg)
				Pb	Cd	Hg	Cr6+	PBB	PBDE				
1	Die	AWSC / Gallium Arsenide Wafer	1.12	ND	ND	ND	ND	ND	ND	Gallium Arsenide	1303-00-0	100.00%	1.12
2	Ag Epoxy	Ablestik / 843-1	0.05	ND	ND	ND	ND	ND	ND	1,4-Bis(2,3-epoxypropoxy)Butane	2425-79-8	5%	0.0025
										Silver	7440-22-4	75%	0.0375
										2,6-Diglycidylphenyl glycidyl ether	13561-08-5	20%	0.0100
3	Lead Frame	Shinwon / PMC90 Ni+Fe	25.43	19.8	ND	ND	ND	-	-	Copper	7440-50-8	99.89%	25.40
										Ferrous	7439-89-6	0.08%	0.0203
										Phosphorus	7723-31-5	0.03%	0.01
4	Gold Wire	MK / 4N	0.03	ND	ND	ND	ND	ND	ND	Gold	7440-57-5	99.99%	0.03
										Calcium	7440-70-2	-	-
										Palladium	5/3/40	-	-
										Beryllium	7440-41-7	-	-
5	EMC	KCC / KTMC-1050(+)	24.97	ND	ND	ND	ND	ND	ND	Antimony trioxide	1309-64-4	3.50%	0.87
										Silicone dioxide(Fused Silica)	60676-86-0	75.50%	18.85
										Phenol Novolac resin	9003-35-4	3.50%	0.87
										Carbon Black	1333-86-4	0.55%	0.14
										Ortho Cresol Novolac Epoxy resin	29690-82-2	12.90%	3.22
										Diglycidyl Ether of Bisphenol-A(DGEBBA)	68928-70-1	0.55%	0.14
										Others	Business secret	3.50%	0.87
6	Plaitng	Calix / Calix-2000	0.7	ND	ND	ND	ND	-	-	Tin	7440-31-5	100%	0.70
Total weight (mg)			52.3										

* ND : Not Detected , — : Not Conducted