

Date: 11/7/2017

Ordering Part Number: SI4688-A10-GDR

Material Number: SI4688-A10-GDR

Pkg Config.: PK0774

Detailed Device Composition

No.	Homogeneous Material	Material Weight (mg)	Material Content	CAS Number	Material Weight (%)	Material Weight (mg)	ppm of Material	Wt % of Total Unit	ppm of Total Unit
1	Die	10.30	Silicon	7440-21-3	99.800	10.279	998000	71.6334	716334
			Silicon Dioxide	60676-86-0	0.200	0.021	2000	0.1436	1436
2	BGA Ball	3.76	Copper	7440-50-8	0.500	0.019	5000	0.1310	1310
			Silver	7440-22-4	4.000	0.150	40000	1.0481	10481
			Tin	7440-31-5	95.500	3.591	955000	25.0230	250230
3	Redistribution	0.15	4-Butyrolactone	96-48-0	55.000	0.082	550000	0.5749	5749
			2-Methoxy-1-methylethyl acetate	108-65-6	5.000	0.008	50000	0.0523	523
			Ethanol	64-17-5	0.500	0.001	5000	0.0052	52
			Non-Regulated Ingredients	Proprietary	39.500	0.059	395000	0.4129	4129
4	Redistribution	0.14	Copper	7440-50-8	92.200	0.129	922000	0.8995	8995
			Titanium	7440-32-6	7.800	0.011	78000	0.0761	761
	Total Unit Weight =	14.35				14.35		100.0000	1000000