



Material Declaration Sheet

Vishay General Semiconductor - VGSC

Date 22/Aug/22

Part / Product Family Details

Vishay Part Number	RoHS Compliance Status	RoHS Compliance Date Code dd-mm-yyyy	Total product Weight (gm)	Resistance value	3rd Party Lab ICP Test Report Available	Manufacturing Location	Number of Exemption used
B340LB-E3 B350B-E3 to B360B-E3 SL22-(H)E3 to SL23-(H)E3 SS2H9-(H)E3 to SS2H10-(H)E3 SS22-(H)E3 to SS26-(H)E3 SS29-(H)E3 to SS210-(H)E3 SSB43L-(H)E3 to SSB44-(H)E3	YES WITH EXEMPTION	01-12-2004	0.093	N/A	Yes	China	One

Material Composition

Homogenous Material Name	Material Classification	Substance Name	CAS number	Weight of Substance (gm)	With respect to Homogenous Material		% with respect to Total Product Weight	RoHS Exemptions Used
					%	ppm		
Chip	Electronics (e.g. pc boards, displays)	Silicon and others (business secret)	-	0.00360	100.00	1000000	3.87	
Lead Frame	Copper (e.g. copper amounts in cable harnesses)	Copper	7440-50-8	0.03600	100.00	1000000	38.71	
Solder 92.5	Other special metals	Lead	7439-92-1	0.00315	92.50	925000	3.38	Exemption No:7(a)
		Tin	7440-31-5	0.00017	5.00	50000	0.18	
		Silver	7440-22-4	0.00009	2.50	25000	0.09	
		Quartz (SiO2)	14808-60-7	0.03352	70.00	700000	36.04	
Encapsulation	Other duromers	Epichlorohydrin, o-cresol, formalde polymer	29690-82-2	0.00767	16.00	160000	8.25	
		Phenol-formaldehyde resin	9003-35-4	0.00574	12.00	120000	6.18	
		Antimony oxide (Sb2O3)	1309-64-4	0.00048	1.00	10000	0.52	
		Carbon-Black	1333-86-4	0.00012	0.25	2500	0.13	
		Additive & know-how	-	0.00036	0.75	7500	0.39	
		Tin	7440-31-5	0.00210	100.00	1000000	2.26	
Surface finish	Other special metals							

EU-RoHS Directive- 2015/863/EU MCV of 0.1% by mass (1000 PPM) in homogeneous material for: Lead (Pb), Mercury, Hexavalent Chromium, Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDE) and MCV of 0.01% by mass cadmium, Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP)

Exemption Used 7(a) - Lead in high melting temperature type solders (i.e. lead-based alloys containing 85 % by weight or more lead)

Note :- (i) All information is based on data received from our vendors & subjected to change without prior notice.
(ii) Substance weight are derived from MSDS.

Build Vishay
into your Design

Vishay General Semiconductor - VGSC
No. 88 6th Avenue TEDA Tianjin P.R. China
ONE OF THE WORLD'S LARGEST MANUFACTURERS OF DISCRETE SEMICONDUCTORS AND PASSIVE COMPONENTS

One of the World's Largest Manufacturers of
Discrete Semiconductors and Passive Components