

ON Semiconductor				9/9/2019
Base Part		HF		Pb-free
Orderable Part		74LVC125ADR2G	Total weight (mg)	125.534
Homogenous Material	Weight (mg)	Substance in Mat.	CAS #	% Avg. Weight
Die	0.223	Silicon (Si)	7440-21-3	100
Die Attach	0.038	Silver (Ag)	7440-22-4	75
		Epoxy resins	129915-35-1	25
Lead Frame	35.89	Silver (Ag)	7440-22-4	2.44
		Zinc (Zn)	7440-66-6	0.18
		Iron (Fe)	7439-89-6	2.3
		Copper (Cu)	7440-50-8	95.08
Mold Compound-Black	86.543	Ortho Cresol Novolac Resin	29690-82-2	7
		Carbon Black (C)	1333-86-4	1
		Fused Silica (SiO2)	60676-86-0	90
		Phenolic Resin (Novolac)	9003-35-4	2
Plating	2.808	Tin (Sn)	7440-31-5	100
Wire Bond	0.032	Palladium (Pd)	7440-05-3	1
		Gold (Au)	7440-57-5	99

Materials Disclosure Disclaimer: Even though all possible efforts have been made to provide you with the most accurate information, we cannot guarantee to its accuracy since the data has been compiled based on the ranges provided, and some information provided by the subcontractors and raw material suppliers may have been withheld to protect their business proprietary information. Thus this information is provided only as estimates, and do not include trace levels fo dopants and metal materials contained within silicon devices in the finished products. There is no intentional use of Mercury, Hexavalent Chromium, Cadmium, PBB or PBDE (5 of the 6 RoHS banned substances) in this or any of our other products. For further explanation on material composition calculations, please view our Product Chemical Content Brochure at:

<http://www.onsemi.com/pub/Collateral/BRD8022-D.PDF>