

ON Semiconductor				10/15/2019	
Base Part		NC7SZU04	HF	Pb-free	
Orderable Part		NC7SZU04M5X	Total weight (mg)		17.013
Homogenous Material	Weight (mg)	Substance in Mat.	CAS #	% Avg. Weight	
Die	0.745	Silicon (Si)	7440-21-3	100	
Die Attach	0.052	Silver (Ag)	7440-22-4	84.5	
		Phenolic Resin-2	54208-63-8	15.5	
Lead Frame	7.29	Silver (Ag)	7440-22-4	0.10973937	
		Copper (Cu)	7440-50-8	99.89026063	
Mold Compound-Black	8.4	Ortho Cresol Novolac Resin	29690-82-2	20	
		Carbon Black (C)	1333-86-4	1	
		Silica (SiO2)	14464-46-1	79	
Plating	0.453	Tin (Sn)	7440-31-5	100	
Wire Bond - Au	0.073	Gold (Au)	7440-57-5	100	
<p>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:</p> <p>http://www.onsemi.com/pub/Collateral/BRD8022-D.PDF</p>					