

ON Semiconductor				10/16/2019	
Base Part			HF		
Orderable Part		FAN7093-F085	Total weight (mg)		1481.211
Homogenous Material	Weight (mg)	Substance in Mat.	CAS #	% Avg. Weight	
Die	12.3	Silicon (Si)	7440-21-3	100	
Die Attach Solder	7.33	Silver (Ag)	7440-22-4	2.5	
		Lead (Pb)	7439-92-1	92.5	
		Tin (Sn)	7440-31-5	5	
Lead Frame	865.84	Tin (Sn)	7440-31-5	0.6375	
		Nickel (Ni)	7440-02-0	0.2541	
		Copper (Cu)	7440-50-8	99.1084	
Mold Compound-Black	595	Ortho Cresol Novolac Resin	29690-82-2	10	
		Carbon Black (C)	1333-86-4	0.3	
		Fused Silica (SiO2)	60676-86-0	79.7	
		Phenolic Resin (Novolac)	9003-35-4	10	
Wire Bond - Au	0.741	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>					