

ON Semiconductor			10/15/2019	
Base Part		FDMF6824A	HF	
Orderable Part		FDMF6824A	Total weight (mg)	134.314
Homogenous Material	Weight (mg)	Substance in Mat.	CAS #	% Avg. Weight
Clip	19.6	Zinc (Zn)	7440-66-6	0.12
		Iron (Fe)	7439-89-6	2.4
		Copper (Cu)	7440-50-8	97.4
		Phosphorus (P)	7723-14-0	0.08
Die	0.096	Silicon (Si)	7440-21-3	100
Die Attach Solder	5.101	Silver (Ag)	7440-22-4	2.5
		Lead (Pb)	7439-92-1	92.5
		Tin (Sn)	7440-31-5	5
Lead Frame	44.201	Silver (Ag)	7440-22-4	0.12216918
		Zinc (Zn)	7440-66-6	0.11085722
		Iron (Fe)	7439-89-6	2.25786747
		Copper (Cu)	7440-50-8	97.50910613
Mold Compound-Black	63.216	Ortho Cresol Novolac Resin	29690-82-2	5.99531764
		Carbon Black (C)	1333-86-4	0.49987345
		Fused Silica (SiO2)	60676-86-0	90.00885852
		Phenolic Resin (Novolac)	9003-35-4	3.49595039
Plating	2	Tin (Sn)	7440-31-5	100
Wire Bond - Au	0.1	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>				