

ON Semiconductor		10/16/2019		
Base Part		MM5Z16V	HF	Pb-free
Orderable Part		MM5Z16V	Total weight (mg)	2.398
Homogenous Material	Weight (mg)	Substance in Mat.	CAS #	% Avg. Weight
Die	0.031	Silicon (Si)	7440-21-3	100
Lead Frame	0.722	Tin (Sn)	7440-31-5	9.27977839
		Zinc (Zn)	7440-66-6	0.13850416
		Iron (Fe)	7439-89-6	2.35457064
		Copper (Cu)	7440-50-8	88.08864266
		Phosphorus (P)	7723-14-0	0.13850416
Mold Compound-Black	0.92	Ortho Cresol Novolac Resin	29690-82-2	20
		Carbon Black (C)	1333-86-4	0.97826087
		Fused Silica (SiO2)	60676-86-0	79.02173913
Plating	0.722	Tin (Sn)	7440-31-5	100
Wire Bond - Au	0.003	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>				