

ON Semiconductor			9/9/2019	
Base Part		1N4730A	HF	
Orderable Part		1N4730A-T50A	Total weight (mg)	324.186
Homogenous Material	Weight (mg)	Substance in Mat.	CAS #	% Avg. Weight
CSS Wire	202.316	Sulfur (S)	7704-34-9	0.05
		Carbon (C)	7440-44-0	0.5
		Manganese (Mn)	7439-96-5	0.2
		Iron (Fe)	7439-89-6	64.25
		Copper (Cu)	7440-50-8	34.95
		Phosphorus (P)	7723-14-0	0.05
Die	0.093	Silicon (Si)	7440-21-3	100
Dumet Wire	57.927	Manganese (Mn)	7439-96-5	0.9
		Silicon (Si)	7440-21-3	0.4
		Nickel (Ni)	7440-02-0	31.65
		Iron (Fe)	7439-89-6	43.65
		Copper (Cu)	7440-50-8	23.4
Glass Encapsulation	60.33	Boron Trioxide (B2O3)	1303-86-2	3
		Lead Oxide (PbO)	1317-36-8	61.2
		Antimony Trioxide (Sb2O3)	1309-64-4	0.05
		Potassium Monoxide (K2O)	12136-45-7	3.75
		Silica Crystalline (SiO2)	14808-60-7	32
Plating	3.52	Tin (Sn)	7440-31-5	100
<p><b>Materials Disclosure Disclaimer:</b> 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><a href="http://www.onsemi.com/pub/Collateral/BRD8022-D.PDF">http://www.onsemi.com/pub/Collateral/BRD8022-D.PDF</a></p>				