

LINEAR TECHNOLOGY MATERIALS DECLARATION

1t1125acn#pbf		(Engineering Calculation)				PDIP	
(printed on: 2020-07-11 18:35:34)					TOTAL MASS (g) :		0.988164
COMPONENT MATERIAL	VENDOR/ INDUSTRY NAMES	CONSTITUENT NAME	CAS NUMBER	CONSTITUENT MASS (g)	CONSTITUENT (PPM) OF MATERIAL	CONSTITUENT (PPM) OF TOTAL PKG.	
Active Device	Linear Technology	Silicon (Si)	7440-21-3	0.004773	1000000	4830.17089844	
Die Coat	Dow Corning	Silicone	69430-27-9	0.001143	1000000	1156.69091797	
Lead Frame	A42	Copper (Cu)	7440-50-8	0.000000	0	0	
		Iron (Fe)	7439-89-6	0.169128	580000	171153.8125	
		Phosphorus (P)	7723-14-0	0.000000	0	0	
		Zinc (Zn)	7440-66-6	0.000000	0	0	
		Nickel (Ni)	7440-02-0	0.122472	420000	123938.96875	
		Silicon (Si)	7440-21-3	0.000000	0	0	
		Magnesium (Mg)	7439-95-4	0.000000	0	0	
		Tin (Sn)	7440-31-5	0.000000	0	0	
		Lead Frame Total:		0.291600	1000000	295092.75	
Plating	PMI	Exter. Plating Pb	7439-92-1	0.000000	0	0	
		Exter. Plating Sn	7440-31-5	0.021727	1000000	21987.0058594	
		External Plating Total:		0.021727	1000000	21987.0058594	
		Inter. Plating Ni	7440-02-0	0.000000	0	0	
		Inter. Plating Ag	7440-22-4	0.002333	1000000	2360.94482422	
		Internal Plating Total:		0.002333	1000000	2360.94482422	
Die Attach	ELECTRICALLY CONDUCTIVE ADHESIVE	Silver (Ag)	7440-22-4	0.001263	750000	1278.12817383	
		Tin (Sn)	7440-31-5	0.000000	0	0	
		Lead (Pb)	7439-92-1	0.000000	0	0	
		Silica (SiO2)	60676-86-0	0.000000	0	0	
		Indium (In)	7440-74-6	0.000000	0	0	
		Metal Oxide		0.000000	0	0	
		Antimony (Sb)	7440-36-0	0.000000	0	0	
		Resin (EP)		0.000421	250000	426.042724609	
		Die Attach Total:		0.001684	1000000	1704.17089844	
Encapsulation	MULTI-AROMATIC RESIN Br/Sb FREE	Resin (EP)		0.089695	135000	90769.3671875	
		Bromine (Br)	40039-93-8	0.000000	0	0	
		Silica (SiO2)	60676-86-0	0.571387	860000	578231.125	
		Antimony Trioxide (Sb2O3)	1309-64-4	0.000000	0	0	
		Metal Hydroxide		0.000000	0	0	
		Carbon Black (C)	1333-86-4	0.003322	5000	3361.79101562	
		Encapsulation Total:		0.664404	1000000	672362.1875	
Bond Wire Estimated	AFW/TANAKA/ Kn	Gold (Au)	7440-57-5	0.000500	1000000	505.989013672	
					TOTAL MASS (g) :		0.988164