



Small Signal Products

DECLARATION OF MATERIAL CONTENTS SINTERGLASS SOD 64 PACKAGE

LEAD FREE TINNED



Prohibited Substances		
Material	Limit ppm	ICP Analysis < ppm
Cadmium	5	5
Asbestos	0	0
Mercury	0	0
Chromium VI	2	0
Polychl. Biphenyle	0	0
Formaldehyde	0	0
Azo Compounds	0	0

SOD 64 Diode

MATERIAL CONTENT					
Part	Material	weight mg	% of weight	ppm of total weight	CAS Ni
Leads tinned 85.90%	Cu	429.95	58.35%	501078	7440-50-8
	Fe	163.26	22.16%	190269	7439-89-6
	Mo	136.67	18.55%	159280	7439-98-7
	Sn	4.69	0.64%	5466	7440-31-5
	Ag	0.74	0.10%	862	7440-22-4
	C	0.74	0.10%	862	7440-44-0
	O ₂	0.74	0.10%	862	7782-44-7
	TOTAL	736.79			
package glass 13.80%	PbO	49.85	42.00%	58097	1317-36-8
	SiO ₂	45.1	38.00%	52561	14808-60-7
	B ₂ O ₃	17.8	15.00%	20745	1303-86-2
	Al ₂ O ₃	5.93	5.00%	6911	1344-28-1
	TOTAL	118.68			
Silicon chip 0.30%	Si	2.322	90.00%	2706	7440-21-3
	Al	0.258	10.00%	301	7429-90-5
	And / or traces of Mo, P, Ga, Pt				
	TOTAL	2.58			
Total weight		858			
