

PEREGRINE MATERIAL DECLARATION FORM

Product:	PE42674
Ordering Codes:	PE42674DTI, PE42674DBI, PE42674DI-Z
Description:	SP7T UltraCMOS WEDGE Switch 100 - 3000 MHz, +69 dBm IIP3
Package:	Flip Chip
Environmental Compliance	EU RoHS Directive 2002/95/EC, REACH - EU ECHA SVHC, Arsenic Free , JIG 101 - EIA/EICTA/JEITA, Halogen Free - IEC61249-2-21, PFOS Free - 2006/122/EC, Antimony Trioxide Free
Solder Bump	SnAgCu Alloy
Availability	Now

Component	Material	CAS Number	Weight (mg)	%	PPM
Die					
	Sapphire (Al ₂ O ₃)	1344-28-1	1.0199081	92.52%	925,153
	Silicon (Si)	7440-21-3	0.0003385	0.03%	307
	Arsenic (As)	7440-38-2	0.0000017	0.00%	2
	Boron (B)	7440-42-8	0.0000005	0.00%	0
	Phosphorous (P)	7723-14-0	0.0001139	0.01%	103
	Titanium (Ti)	7440-32-6	0.0000390	0.00%	35
	Tungsten (W)	7440-33-7	0.0000030	0.00%	3
	Copper (Cu)	7440-50-8	0.0000052	0.00%	5
	Aluminum (Al)	7429-90-5	0.0016980	0.15%	1,540
	Cobalt (Co)	7440-48-4	0.0000000	0.00%	0
Solder Bumps					
	Tin (Sn)	7440-31-5	0.0700631	6.36%	63,554
	Silver (Ag)	7440-22-4	0.0025678	0.23%	2,329
	Copper (Cu)	7440-50-8	0.0007336	0.07%	665
	BCB	694-87-1	0.0065112	0.59%	5,906
UBM					
	Aluminum (Al)	7429-90-5	0.000089	0.01%	81
		7440-02-0			
	Nickel -7% Vanadium (Ni-7%V)	7440-62-2	0.000101	0.01%	92
	Copper (Cu)	7440-50-8	0.000247	0.02%	224
Total Weight (mg)			1.102421	100%	1,000,000