

PEREGRINE MATERIAL DECLARATION FORM

Product:	PE42674
Ordering Codes:	PE42674DTI, PE42674DBI
Description:	SP7T Wedge Switch 100-3000 MHz, +69 dBm IIP3
Package:	Flip Chip
RoHS Compliant	Yes
Solder Bump	SnAgCu Alloy
Availability	Now

Component	Material	CAS Number	Weight (mg)	%	PPM
Die					
	Sapphire:	1344-28-1	1.470000	98.22%	982,191
	Silicon	7440-21-3	0.000276	0.02%	184
	Silicon Dioxide	7631-86-9	0.006870	0.46%	4,590
	Silicon Nitride	12033-89-5	0.002830	0.19%	1,891
	Tungsten Silicide	12039-88-2	0.000302	0.02%	202
	Titanium	7440-33-6	0.000259	0.02%	173
	Titanium Nitride	25583-20-4	0.000673	0.04%	450
	Aluminium Alloy (98.5%-Al, 1%-Si, 0.5%-Cu)	7429-90-5	0.003480	0.23%	2,325
	Arsenic	7440-38-2	0.000238	0.02%	159
	Boron	7440-42-8	0.000214	0.01%	143
	Phosphorous	7723-14-0	0.000096	0.01%	64
Solder Bumps					
	Sn	7440-31-5	0.010700	0.71%	7,149
	Ag	7440-22-4	0.000564	0.04%	377
	Cu	7440-50-8	0.000137	0.01%	92
	BCB	694-87-1	0.000013	0.00%	9
	UBM	N/A	0.000001	0.00%	1
Total Weight (mg)			1.496653	100%	1,000,000