

PEREGRINE MATERIAL DECLARATION FORM

Product:	PE42694
Ordering Codes:	PE42694DTI, PE42694DBI, PE42694DI-Z
Description:	SP9T 2.75V 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	2.102757	98.18%	981,789
	Silicon	7440-21-3	0.000546	0.03%	255
	Silicon Dioxide	7631-86-9	0.009850	0.46%	4,599
	Silicon Nitride	12033-89-5	0.004095	0.19%	1,912
	Tungsten Silicide	12039-88-2	0.000704	0.03%	329
	Titanium	7440-33-6	0.000407	0.02%	190
	Titanium Nitride	25583-20-4	0.001025	0.05%	479
	Aluminium Alloy (98.5%-Al, 1%-Si, 0.5%-Cu)	7429-90-5	0.005540	0.26%	2,586
	Arsenic	7440-38-2	0.000872	0.04%	407
	Boron	7440-42-8	0.000533	0.02%	249
	Phosphorous	7723-14-0	0.000279	0.01%	130
Solder Bumps					
	Sn	7440-31-5	0.014200	0.66%	6,630
	Ag	7440-22-4	0.000752	0.04%	352
	Cu	7440-50-8	0.000183	0.01%	85
	BCB	694-87-1	0.000016	0.00%	7
	UBM	N/A	0.000002	0.00%	1
Total Weight (mg)			2.141761	100%	1,000,000