

PEREGRINE MATERIAL DECLARATION FORM

Product:	PE42524
Ordering Codes:	PE42524A-X
Description:	UltraCMOS® SPDT RF Switch 10 MHz–40 GHz
Package:	Flipchip
Environmental Compliance	EU RoHS2 Directive 2011/65/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
Availability	Now

Component	Material	CAS Number	Weight (mg)	%	PPM
Die					
	Sapphire (Al ₂ O ₃)	1344-28-1	3.739533	96.96%	969,585
Package					
Solder Bumps	Tin (Sn)	7440-31-5	0.088747	2.30%	23,010
	Silver (Ag)	7440-22-4	0.003252	0.08%	843
	Copper (Cu)	7440-50-8	0.000929	0.02%	241
	Spheron	Proprietary	0.023822	0.62%	6,177
UBM	Aluminum (Al)	7429-90-5	0.000113	0.00%	29
	Nickel -7% Vanadium (Ni-7%V)	7440-02-0	0.000128	0.00%	33
		7440-62-2			
	Copper (Cu)	7440-50-8	0.000313	0.01%	81
Total Weight (mg)			3.856838	100.00%	1,000,000