

pSEMI MATERIAL DECLARATION FORM

Product:	PE42421
Ordering Codes:	PE42421SCAA-Z
Description:	SPDT UltraCMOS™ 10 MHz - 3.0GHz RF Switch
Package:	6L SC-70
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
Lead Finish	NiPdAu
Availability	Now

Component	Material	CAS Number	Weight (mg)	%	PPM
Die	Aluminum oxide	1344-28-1	0.219433	3.16%	31,628.46
LeadFrame	Nickel	7440-02-0	0.013000	0.19%	1,873.78
LeadFrame	Zinc	7440-66-6	0.003400	0.05%	490.07
LeadFrame	Iron	7439-89-6	0.064800	0.93%	9,340.09
LeadFrame	Phosphorus	7723-14-0	0.002300	0.03%	331.52
LeadFrame	Gold	7440-57-5	0.000200	0.00%	28.83
LeadFrame	Palladium	7440-05-3	0.001000	0.01%	144.14
LeadFrame	Copper	7440-50-8	2.672700	38.52%	385,235.56
Die Attach	Silver	7440-22-4	0.091000	1.31%	13,116.49
Die Attach	Epoxy resin	Proprietary	0.018000	0.26%	2,594.47
Die Attach	1,4-butanedioldiglycidyl ether	2425-79-8	0.009000	0.13%	1,297.24
Die Attach	Amine	Proprietary	0.004000	0.06%	576.55
Gold Wire	Gold	7440-57-5	0.061000	0.88%	8,792.37
100% Matte Tin Lead Finish	Silica fused	Trade secret	3.313000	47.75%	477,526.63
Mold Compound	Epoxy resin	Trade secret	0.189000	2.72%	27,241.94
Mold Compound	Epoxy, Cresol Novolac	Trade secret	0.076000	1.10%	10,954.43
Mold Compound	Phenol resin	60676-86-0	0.189000	2.72%	27,241.94
Mold Compound	Carbon Black	1333-86-4	0.011000	0.16%	1,585.51
Total Weight (mg)			6.937833	100.00%	1,000,000

