

Supplier Part Number	SCD Series						
Product Description	HC-49/US SMD Crystal						
Product Revision							
Product Total Weight	0.585g/pcs						
Contact Information	Company	Suntsu Frequency Control, Inc.					
	Contact Name	Bob Tintelnot					
	Address	2 South Pointe Dr., Suite 195 Lake Forest, Ca 92630					
	Phone Number	(949) 305-0220					
Homogenous Component/ Subcomponent	Homogenous Component/ Subcomponent Weight (g)	Substance	CAS number	Substance Weight (g)	PPM Level (If Available) (Substance Weight/Total Homogenous Component or Subcomponent Weight*1000000)	PPM Level Availability Date (If Not Available)	Purpose/Location
Base	0.3528	Iron-Fe	7439-89-6	0.3108583640	531381.81880		BASE
		Carbon-C	7440-44-0	0.0000873040	149.23761		BASE
		Silicon-Si	7440-21-3	0.0000311800	53.29915		BASE
		Manganese-Mn	7439-96-5	0.0007483200	1279.17949		BASE
		Phosphorus-P	7723-14-0	0.0000436520	74.61880		BASE
		Sulfur-S	7704-34-9	0.0000311800	53.29915		BASE
		Iron-Fe	7439-89-6	0.0087121720	14892.60171		WIRE
		Nickel-Ni	7440-02-0	0.0048070040	8217.10085		WIRE
		Cobalt-Co	7440-48-4	0.0028109600	4805.05983		WIRE
		Carbon-C	7440-44-0	0.0000004920	0.84103		WIRE
		Silicon-Si	7440-21-3	0.0000127920	21.86667		WIRE
		Manganese-Mn	7439-96-5	0.0000410000	70.08547		WIRE
		Chromium-Cr	7440-47-3	0.0000037720	6.44786		WIRE
		Molybdenum-Mo	7439-98-7	0.0000045920	7.84957		WIRE
		Copper-Cu	7440-50-8	0.0000063960	10.93333		WIRE
		Sulfur-S	7704-34-9	0.0000003280	0.56068		WIRE
		Phosphorus-P	7723-14-0	0.0000004920	0.84103		WIRE
		Copper-Cu	7440-50-8	0.0017227800	2944.92308		PIN
		Nickel-Ni	7440-02-0	0.0056151000	9598.46154		PIN
		Zinc-Zn	7440-66-6	0.0028621200	4892.51282		PIN
		Silicon-Si	7440-21-3	0.0100800000	17230.76923		GLASS
		Boron-B	7440-42-8	0.0021600000	3692.30769		GLASS
		Aluminum-Al	7429-90-5	0.0010080000	1723.07692		GLASS
Lithium-Li	7439-93-2	0.0002880000	492.30769		GLASS		
Sodium-Na	744025-5	0.0004320000	738.46154		GLASS		
Potassium-K	7440-09-7	0.0004320000	738.46154		GLASS		
Cover	0.165	Copper-Cu	7440-50-8	0.1089000000	186153.84615		Alloy
		Zinc-Zn	7440-66-6	0.0226875000	38782.05128		Alloy
		Nickel-Ni	7440-02-0	0.0321750000	55000.00000		Alloy
		Manganese-Mn	7439-96-5	0.0008250000	1410.25641		Alloy
		Iron-Fe	7439-89-6	0.0004125000	705.12821		Alloy
Blank	0.0072	Silica SiO2	14808-60-7	0.0072000000	12307.69231		Quartz crystal
Silver	0.001	Silver-Ag	7440-22-4	0.0009999320	1709.28547		Electrode
		Copper-Cu	7440-50-8	0.0000000300	0.05128		Electrode
		Bismuth-Bi	7440-69-9	0.0000000080	0.01368		Electrode
		Iron-Fe	7439-89-6	0.0000000100	0.01709		Electrode
		Antimony-Sb	7440-36-0	0.0000000100	0.01709		Electrode
		Selenium-Se	7782-49-2	0.0000000050	0.00855		Electrode
		Tellurium-Te	13494-80-9	0.0000000050	0.00855		Electrode
Epoxy	0.001	Silver-Ag	7440-22-4	0.0008500000	1452.99145		Connect
		Silicone Resin		0.0001500000	256.41026		Support
Insulator Tab	0.058	PPS	68608-59-3	0.0330600000	56512.82051		
		Glass fiber		0.0249400000	42632.47863		

0.58500

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