

Material Safety Data Sheet



Design Viitor into your FUTURE

1. Product & Manufacturer

Product Name:	MOSFET
Product Number:	VPAT70N1K1K (TO-220F)
Supplier or Manufacturer:	Viitor Semiconductor Co., Ltd.
Address:	Rm. A, 3F., No. 86, Minquan Rd., Xindian Dist., New Taipei City 231023 , Taiwan
Contact Person:	Kem Yeh
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Date:	2022/10/9

2. Composition/Information on Ingredients

Material	Content (per product)wt%	Chemical Composition	CAS No	Content%(per homogeneous material)
Plating	0.09	Sn	7440-31-5	100
Bonding Wire	0.12	AL	7429-90-5	100
Solder Wire	0.18	Pb	7439-92-1	92.5
		Sn	7440-31-5	5
		Ag	7440-22-4	2.5
Lead Frame	48.76	Fe	7439-89-9	0.1
		P	7723-14-0	0.03
		Cu	7440-50-8	99.87
Expoxy Molding	50.7	Crystalline Silica	14808-60-7	80.46
		Solid Epoxy Resin	29690-82-2	7.73
		Phenol Resin	29690-82-2	4.2
		Hydroxide Metal	Trade Secret	7.2
		Carbon Black	1333-86-4	0.41
Dice	0.15	Si	7440-21-3	100