

# Material Safety Data Sheet



Design Viitor into your FUTURE

## 1. Product & Manufacturer

Product Name:	MOSFET
Product Number:	VTM510N1K1LSA (DFN5060)
Supplier or Manufacturer:	Viitor Semiconductor Co., Ltd.
Address:	Rm. A, 3F., No. 86, Minguan Rd., Xindian Dist., New Taipei City 231023, Taiwan
Contact Person:	Kem Yeh
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Date:	2023/12/12

## 2. Composition/Information on Ingredients

Material	Content (per product)wt%	Chemical Composition	CAS No	Content(%) (per homogeneous material)
Plating	5.41	Sn	7440-31-5	100.00
Epoxy molding	28.99	Epoxy Resin A	Trade Secret	4.30
		Epoxy Resin B	Trade Secret	3.80
		Phenol Resin	Trade Secret	2.90
		Silica(Amorphous) A	60676-86-0	84.92
		Silica(Amorphous) B	7631-86-9	3.81
		Carbon Black	1333-86-4	0.27
Bonding wire	3.27	AL	7429-90-5	100.00
		Cu	7440-50-8	100.00
Solder wire	3.88	Pb	7439-92-1	92.50
		Sn	7440-31-5	5.00
		Ag	7440-22-4	2.50
Lead frame	55.44	Cu	7440-50-8	96.78
		Fe	7439-89-6	2.48
		Pb	7439-92-1	0.01
		P	7723-14-0	0.07
		Zn	7440-66-6	0.12
		Ag	7440-22-4	0.54
Dice	3.01	Si	7440-21-3	100.00