



Semiconductor  
Distribution

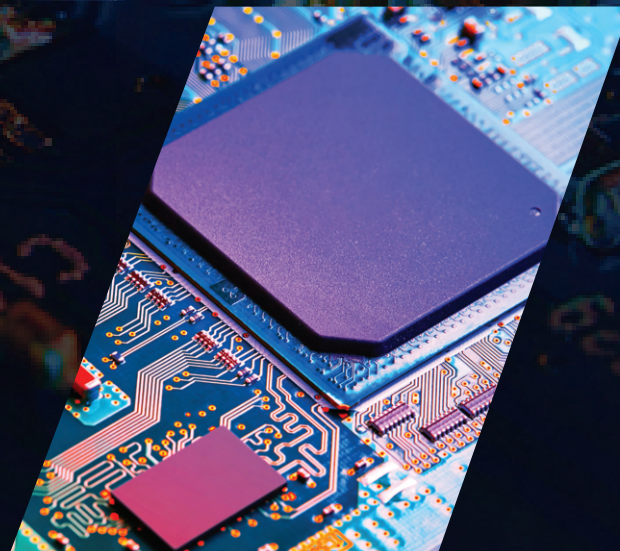
PASSIVE



# PRODUCT CATALOGUE

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**Nuvonix**  
By Rebound



## ABOUT US

### INTRODUCTION

Viking Tech is a Global Passive Manufacturer in design Thin Film, MELF, Functional Thick Film, Automotive Resistor, Metal strip current sensing, RF Inductor and power Inductor, Capacitor, manufacture and supply of advanced electronic components.

Viking's advanced technology of Precision Thin Film, MELF, Metal Strip, Thick Film, High reliability products are used in a wide range of diverse applications, which can be found in Automotive, Industrial, Medical devices, Telecom, Commercial, IoT Home appliance, Battery management.

Viking is a listing company in Taiwan and we support Worldwide customers from well-known end customers to EMS, ODM and distributors. We have global offices in North America, Europe, Asia pacific to provide reliable service.



## QUALITY ACCREDITATIONS AND APPROVALS

The manufacturing facilities located in Taiwan with certified high-quality system of automotive IATF16949, Medical ISO13485. ISO9001, ISO14001.

Due diligence within our supply chain to assure "DRC Conflict-Free" for the Minerals of the gold (Au), tantalum (Ta), tungsten (W), cobalt (Co) and tin (Sn) are not derived from or sourced from mines in conflict areas.





## PRODUCT PORTFOLIOS

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### Capacitor

#### SMD Multilayer Ceramic Chip Capacitors (MC/MCF/MCF(A) Series)

- Case Size: 0201 / 0402 / 0603 / 0805 / 1206 / 1210 / 1808 / 1812 / 2220
- Capacitance Range: 0.5pF~330UF
- Rated Voltage: 4V~3kV
- AEC-Q200 Available

#### SMD Industrial MLCC (IM) Series

- Case Size: 0201 / 0402 / 0603 / 0805 / 1206 / 1210 / 1808 / 1812
- High reliability, suitable for various electronic products with harsh application, high quality and low failure rate
- Capacitance Range: 0.5pF~330uF
- Rated Voltage: 4V~3kV

#### Conductive Polymer Aluminium Solid Electrolytic Capacitors

- AVEA, AV5k, AR5K, ARHA, AVHA series
- Super low ESR, High ripple current capability
- Suitable in DC-DC convertor, Voltage Regulators, decoupling applications
- Capacitance Range: 22 – 1500uF
- Rated Voltage: 2.5– 100Vdc
- Temperature: 105C

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### Inductor

#### Ferrite Chip

- ML/NL Series
- Multilayer/Wirewound ferrite inductor
- Inductance Range: wide range available

#### Power Inductor

- Miniature/Power Choke/SMD Metal Alloy/Shielding/Non-Sheild/ Wirewound/ Dip
- Large current adaptable, low profile, low DCR
- AEC-Q200 Available

#### Common Mode CM series

- Small chip with ferrite core and 2 line types wire wound
- High effective in noise suppression, high common-mode/differential impedance

### Resistor

#### Thick Film (Standard/Functional/ Auto)

- 01005 - 2512
- Standard, High Ohmic, Green, Anti- Sulfurated, Pulse withstanding, Wide Terminal
- 1 – 1GMohm
- Low power, Low TC50

#### Thin Film/ MELF (Standard/Auto)

- 0201 – 2512
- Tight tolerance 0.01%, 0.1%
- Low TCR as low as 5ppm
- 1 – 3 Mohm
- High power, high reliability High stability, High Voltage, High frequency to 40Ghz
- Wide range or resistance

#### Current Sensing/Low Ohm/Array

- 0201 - 2512
- Low TC 100ppm, tight tolerance of 1%
- High power alternative
- Wide range of low resistance
- Use in power management, switching power supply, overcurrent protection, DC\_DC converter.

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### Super Capacitor EDLC

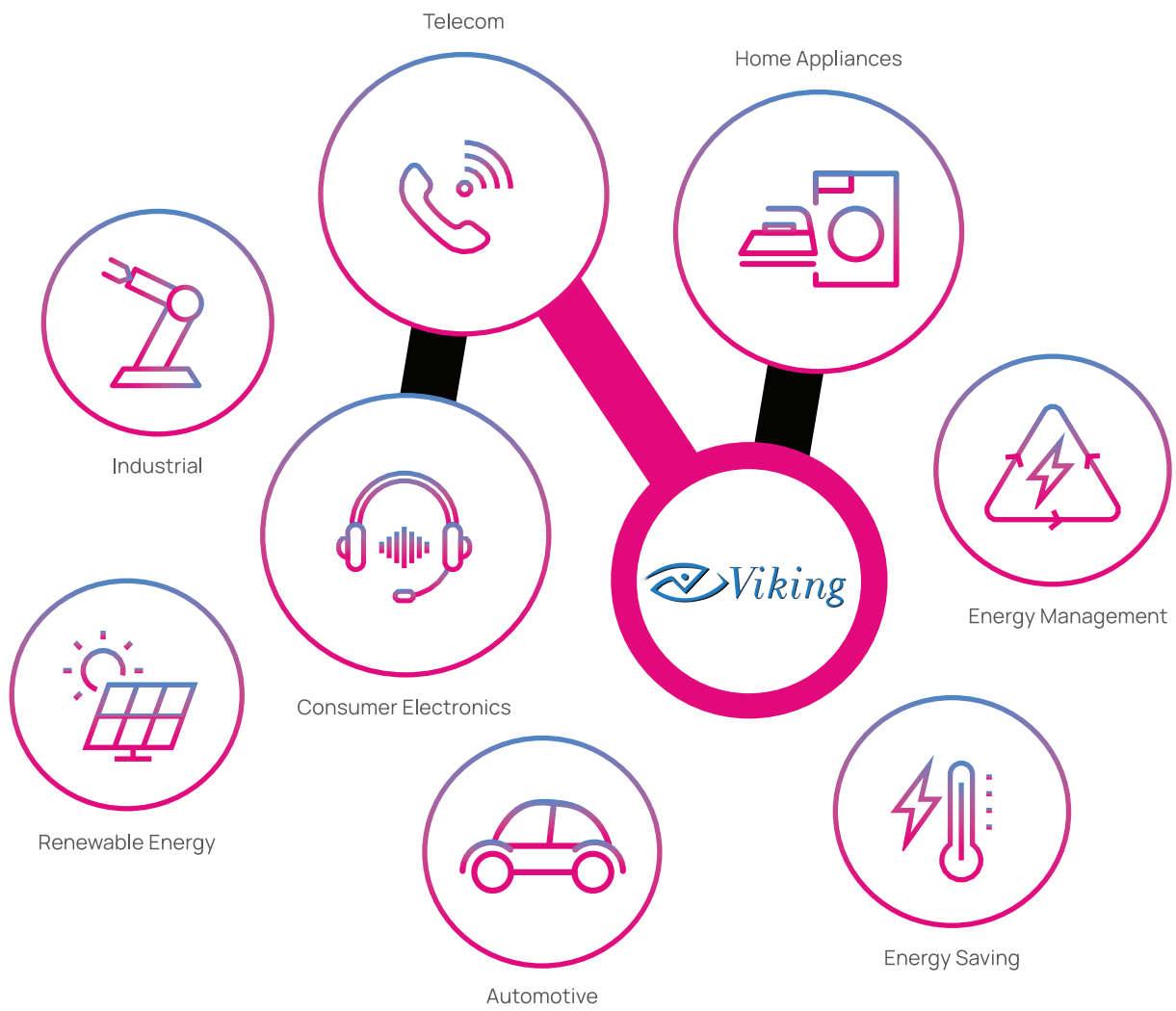
#### Coin/ Lithium Ion/ Cylindrical/ Combined

- SC Series
- Excellent High-power density
- Long charge-discharge cycle life
- High degree of safety
- Low leakage Current, suitable to keep the clock chip data
- Suitable for consumer electronics, medical devices, industrial devices and home automation
- Green , meet Rohs Requirements





## APPLICATION AREA



## CUSTOMERS

