

awinic

Semiconductor
Distribution

SEMICONDUCTOR



PRODUCT CATALOGUE

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Nuvonix
By Rebound

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ABOUT US

INTRODUCTION

Founded in June 2008, Awinic Technology is a high-tech company focusing on high-quality and high-performance IC design of Mixed signal, Power Management, and Signal Chain for mobile phone, AI, IoT, automotive electronics, wearables and consumer electronics.

With a profound understanding of customer needs, Awinic innovates and launches new products to the market rapidly, providing customers with high-quality and differentiated products and services. Awinic's core team with over two decades of experience in IC design and management, has set up a stringent quality assurance system since its founding. The performance and quality of some products have surpassed those provided by other first-class international manufacturers.

Since establishment, more than 900 products with independent intellectual property rights are widely used in worldwide mobile phones as well as IoT brands. As a fabless IC design company, we collaborate with first-tier Foundries and Assembly&Test.

To guarantee top quality and stable supply, Awinic enforces strict quality control process for outsourced product manufacturing.



QUALITY ACCREDITATIONS AND APPROVALS

Awinic operates through quality systems with ISO9001, ISO14001 and IATF16949 certifications. In addition, it meets RoHS, REACH and UL requirements, and declares on Conflict Materials.

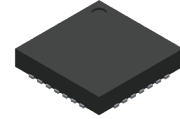




PRODUCT PORTFOLIOS

Audio Amplifier

- Digital Smart K Plus
- Digital Smart K
- Smart K Plus
- Smart K
- Class AB
- Class K
- Class D
- SK Tune



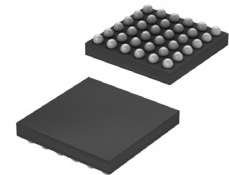
LED Driver

- Breathing LED
- Flash/IR LED
- Series Backlight LED
- LCD Bias
- OLED Power
- Capacitive Touch & LED
- Parallel Backlight LED



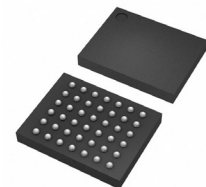
Power Management

- Switch/Linear/CP Charger
- V-Level Translator
- Amplifier & Comparator
- USB Type-C Port Protection
- MIPI Switch
- USB 2.0 Switch
- USB 3.1 Switch
- PD Phy & CC Logic
- Load Switch
- Buck/Boost
- LDO
- OVP
- OCP
- MOS



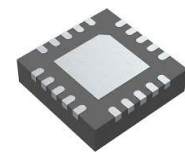
RF Device

- RF Switch
- Antenna Tuner
- RF FEM
- BT/WIFI LNA
- LTE LNA
- FM LNA
- Wideband LNA

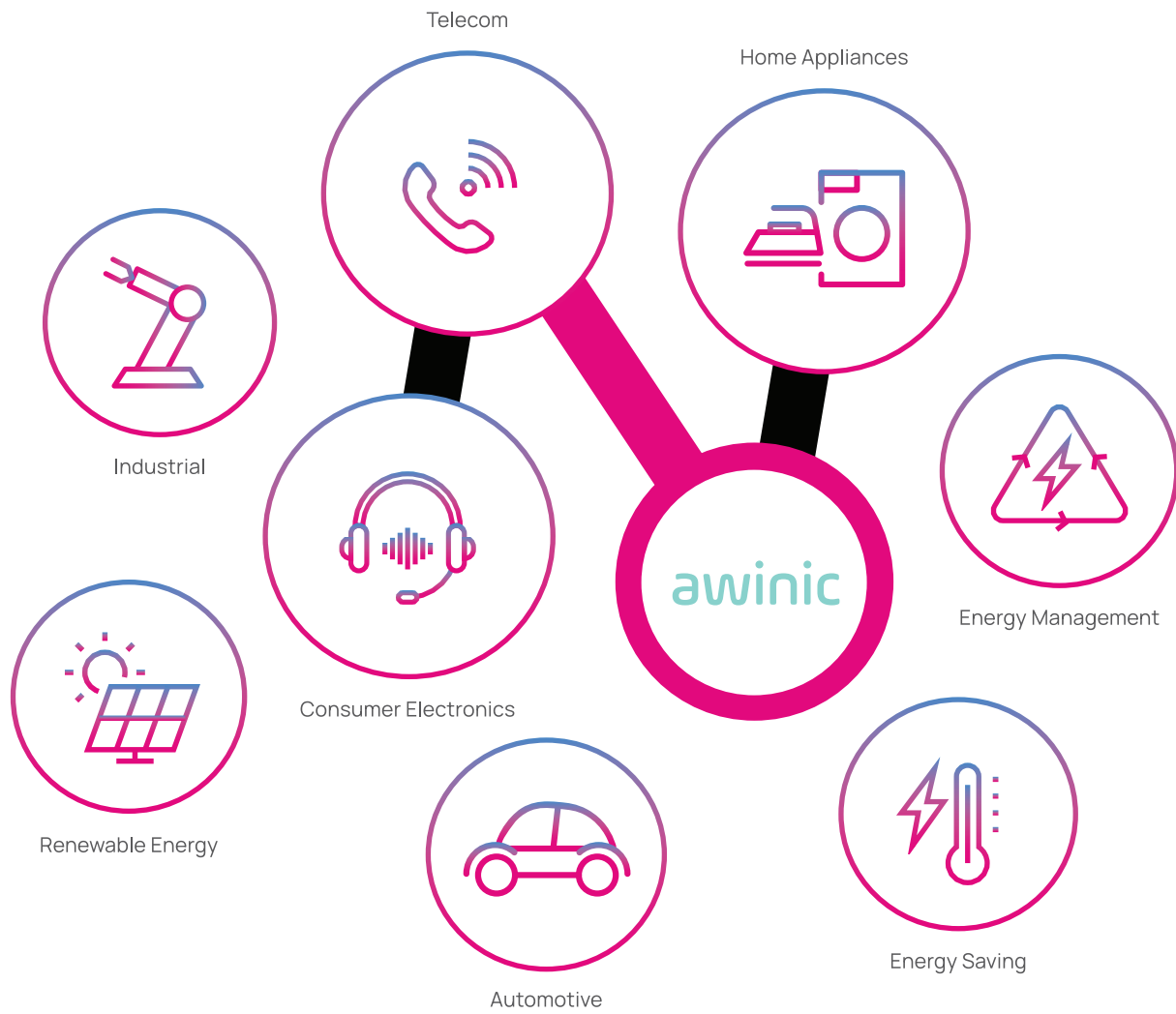


Touch & Haptic

- Stepper Motor Driver
- DC Motor Driver
- Haptic Driver
- VCM Driver
- Sensor
- Capacitive Touch Controller
- SAR Sensor
- Force Sensor AFE
- Hall Sensor



APPLICATION AREA



CUSTOMERS

