

**Your door  
to high  
technology**

# PRODUCTS LINE CARD

## MEMORY SOLUTION

Samsung Semiconductors – DRAM, FLASH (EMMC), SSD (SATA NVME, SAS, DDR3, DDR4, e-MMC, e-MCP, LPDDR4, LPDDR5, HBM2)  
 Winbond – NAND/NOR Serial Flash, SLC NAND, DDR2/3/4, LPDDR2/3/4, Automotive Grade  
 Intelligence Memory – DDR3, DDR4 MODULES, VLP & legacy solutions  
 Biwin – SSD Disk 16GB-512G NVME, SATA M.2, M.25  
 HP – RETAIL SSD Disk 16G-512G NVME, SATA M.2, M.25  
 Alliance Memory – DRAM IC DDR1/2/3, SRAM 1M-72M SYNQ/ASYNQ, LPDDR2  
 Netsol – SRAM 1M-72M SYNQ/ASYNQ, SLC NAND 1G-4G



## MCU

Silicon Labs – 8Bit MCU, 32Bit Cortex Ultra Low Power MCUs, RF SoC integrated wifi/Sub Giga/BT/Zigbee

## IOT MODULE – BT, ZIGBEE, WIFI, SUB GIGA

Silicon Labs – BLE, WIFI Zigbee, Multi – Protocol Certified Modules  
 AI THINKER – Thinker – Low power, Low cost WIFI Certified Modules

## SENSOR

Honeywell – Pressure, Humidity, current, proximity, hall effects, magnetic sensors (2-3 Axis)  
 Silicon Labs – Humidity, Temperature, Proximity, Light, Touch, Gesture Sensors  
 mCUBE – 3 Axis Accelerometer, 6-Axis eCompass

## CELLULAR MODEM & GNSS

Quectel – 2G / 3G / LTE, 5G / NB-IoT, CatM Cellular Modules, GPS/GLONASS/BAIDUE GNSS Modules, SMART modules

## RF CONNECTOR & ANTENNA

Insert – BNC Connectors, MCX, MMCX, MC (UFL mini connectors for cellular modules)  
 Super Pilot – BNC, MCX, MMCX, NTYPE, SMA, RF Cable Assembly  
 Saintenna – WIFI, Cellular, GPS, Various type of Antennas  
 Sunny-Way – Cellular/GPS/WIFI's PCB, Flex, Laser, Outdoor Antennas  
 Unictron – WIFI /BT /Zigbee /HDMI Cellular Antennas



## CRYSTAL & OSCILLATOR

Silicon Labs – Low jitter Osc, Clock Buffers, PCIe 2/3/4 Clock Buffers, Clock Gen, synvE/1588 Clock Gen  
 TechTime – XO, CRYSTALS, VCXO, TCXO, VCTXO, OCXO, custom made parts, mil standard parts  
 AXTAL – Mil Spec OCXO, TCXO, VCXO, VCTCXO Custom made timing products

## OPTICAL TRANSCIEVER

Gigalight – SFP+, XFP, CWDM, BIDI, CFP, QSFP+, QSFP28 (100G) LR4, SR4, CFP2 (100G) SR, DAC cables, AOC cables, 200G/400G QSPF-DD SR8  
 Coretek – SFF, 1\*9 Transceivers

## OPTICAL DEVICE

Shenzhen Sapphire Technology – Sapphire Window  
 Franoptics - PMMA Material – dome covers, Lidar windows, LED lens, automotive lens, HUD Combiner & Mirror  
 Boxin Photoelectric – Aspherical Lens, Cylindrical Lens, Optical Coating Processing  
 Novel Optics – Tempered Window, Window Glass, Filter and Mirror, Prism, Lens Assy

## OPTICAL CABLE SOLUTION

FITEK – FC, LC, ST patch cord cables  
 Tong Ding – Fiber optics cables, patch cords, FTTH solution and cabinets outdoor  
 Gigalight – MPO, MPT, SFP+, QSFP, OPTICAL SPLITTERS

## LCD

Ampire – TFT Display 2.4" – 21", IPS, PCT + Optical Bonding, STN, HTN Display Module  
 Formike Electronics – Color TFT displays, monochromatic displays, Touch, Optical bonding  
 TSD – 1.3"-15.6" TFT Display, Resistive & Capacitive touch  
 Tianma – STN, Graphics solutions, COG solutions, custom made  
 Densitron – E-Paper, OLED Displays, Smart TFT, Optical Bonding



## CAMERA MODULE

Shenzhen V-Vision – Various sensors Customized camera modules  
 GDS – VGA to 8M Customized camera modules

## SWITCH

Honeywell – Toggle, Proximity, Limit switches ( industrial /MIL SPEC)

## BUZZER & MICROPHONE

Kepe – SMD Piazzo, Buzzers, Speakers  
 W- best – SMD Piazzo, Buzzers, Speakers

## THERMAL PRODUCT

HDK – NTC Solution  
 Honeywell – Thermostat thermal pad  
 Hyper Sense – NTC, PTC, Thermocouple

## DC/DC AC/DC CONVERTER

Taimag – PCB DC/DC  
 TOPPOWER – AC/DC, DC/DC Modules  
 GEC Tokyo – 0.5-6W Modules

## POWER SUPPLY

Bridge Power – Wall mount power Adaptors, desktop power supply  
 Adapter Tech – Medical & ITE Wall mount & Desktop Power Adaptors, Open frame  
 GEC Tokyo (MMC) – Customized Power Supplies, up to 1200W  
 Ktec – Medical & ITE Wall mount & Desktop Power Adaptors 3.5w-300w

## CONNECTOR

Lotes – CPU Sockets, Mini Pcie, M.2, USB3, Automotive Connectors. Automotive Harness  
 Taimag – Magnetic RJ45  
 ALLSUN – RJ connectors, USB, MiniUSB, HDMI  
 Cen Link – Board to Board connectors, board to cables, custom made connectors  
 Don Connex – Bord to Cable connectors, Custom Made Connectors  
 CZT – USB, RJ, SFP cages, Magnetic RJ45  
 Sinotech – RJ45 Magnetic, Optical Cages  
 Simula- Usb, Circular connectors, Water Proof  
 Degson- M8,M12 connectors, EV Charger cables and Connectors

## TRANSFORMER LAN/ENCAPSULATED

Thai Lin – Encapsulated Transformers, Power inductors, line transformers  
 HALO – Magnetic + Lan transformers 10/100/1G/2.5G /5G/10G, POE, POE+ Lan magnetic RJ45  
 Ingke – RJ45 + Magnetic, Lan Magnetic transformers 10/100/1G

## LINE FILTER

High and Low – EMI/RFI filter- single/3 phase

## TERMINAL BLOCK

DEGSON – Pluggable connectors, Din Rail, HIGH power screw less  
 Weco

## RELAY

NEXEM – Communication & Automotive Relays  
 FIC – Power Relays

## DISCRETE & PASSIVE COMPONENT TVS

Panjit – Diodes, TVS, MOSFET, SiC, Schottky Diode, IGBT, Zener, Bridge, Transistors  
 JRC – RF IC, Regulators, Saw Filters, LDO  
 VINATech Korea – Supper capacitor solution

## RF SOLUTION

Silicon Labs – Sub Gig transceivers, Zigbee BT 5.2, WIFI 2.4G/5G  
 NJRC – Doppler modules (X-Band, K-Band), BUC CONVERTERS  
 JRC – Saw filters, RF IC Switch, Low Noise Amplifiers

## CABLE ASSEMBLY

Reach Power – Molded, Harness Assemblies, LAN Cables, USB cables  
 CZT – LAN Cables, USB Cables  
 Space Shuttle – Custom made cables, molded cables, lamination cables  
 PAN ASIA – LAN Cables, RF Cables (RG174-LMR 600)

## SOURCING SOLUTION

Japanese Brands – Hirose, JST, Toko, Panasonic, ALPS, Torex, Nichicon  
 METAL CASES – Casting, Stamping Parts, Drilling, CNC

REV- 1, 5/2020

