

PRODUCTS LINE CARD

MEMORY SOLUTION

Samsung Semiconductors – DRAM, FLASH (EMMC), SSD (SATA, NVME, SAS) DDR3, DDR4, DDR5, e- MCP, LRDDR4 , LPDDR5 , HBM2/3
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 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, LPDDR3, LPDDR4
NetSol – SRAM 1M-72M SYNQ/ASYNQ , SLC NAND 1G-4G
ExAscend – Industrial and custom SSD , BGA SSD , e-MMC

MCU

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

IOT MODULE – BT, ZIGBEE, WIFI, SUB GIGA

Silicon Labs – BLE, WIFI Zigbee, Multi – Protocol Certified Modules
Quectel – Low power, Low cost WIFI Certified Modules WIFI+BLE
Laird – Modules, BLE, WIFI, ZIGBEE, CELLULAR

SENSOR

Honeywell – Pressure, Humidity, current, proximity, Hall effects, GAS, Magnetic sensors, GYRO,IMU
Silicon Labs – Humidity, Temperature, Proximity, Light, Touch, Gesture Sensors
QST – 3 Axis Accelerometer, 6-Axis eCompass

CELLULAR MODEM & GNSS

Quectel – 2G / 3G / LTE, 5G /NBIoT,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)
Soontai – up to 30 GHZ Connectors
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
Quectel – WIFI, Cellular, GPS, Various type of 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 TRANSCEIVER

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

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

LCD

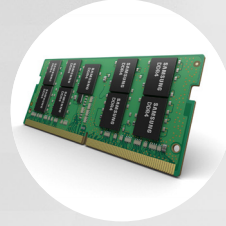
Haier – TFT, OLED, 1.5"-55" Displays
Ampire – TFT Display 2.4" – 21" , IPS , PCT + Optical Bonding , STN , HTN Display Module
Formike Electronics – Color TFT displays, monochromic displays, Touch, Optical bonding
TSD – 1.3"-15.6" TFT Display , Resistive & Capacitive touch
Densitron – E-Paper, OLED Displays, Smart TFT, Optical Bonding

CAMERA MODULE

Shenzhen V-Vision – Various sensors Customized camera modules
Guangzhou Sincere Information Technology LTD - Customized Camera Modules: various sensors and type of Lenses , custom FPC & mold

SWITCH

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



BUZZER & MICROPHONE

Kepo – 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

Gaptec – AC/DC Isolated / Non Isolated Bricks
Taimag – PCB DC/DC
Top Power – 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, Ev Charger Docking Station
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

RELAY

Nexem – Automotive relays ,Signal 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
Hestia Power – SIC FETs, Diodes and Modules

RF SOLUTION

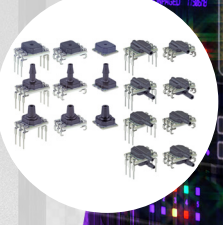
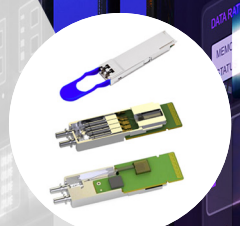
Silicon Labs – Sub Gig transceivers, Zigbee BT 5.2 , WIFI 2.4G/5G
Nisshinbo – Doppler modules (X-Band, K-Band), BUC CONVERTERS
Nisshinbo – Saw filters, RF IC Switch, Low Noise Amplifiers
Soontai – RF Filters and diplexers
Pdlux – Doppler modules (X-Band, K-Band)

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
Broker's Division – Sourcing ST , TI , NXP, ALTERA



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