



2024

PRODUCT LINES

ENABLING YOUR ELECTRONIC PRODUCTS AND SYSTEMS

- Speedcore Embedded FPGA (eFPGA) IP
- Built on TSMC 7nm process technology
- Machine Learning Processor (MLP) enables 40K Int8 MACs and > 80TOps
- Network-on-Chip gives > 20Tbps
- Up to 72 lanes of 1-112G SerDes
- 4 x 400G Ethernet, PCI Gen 5 x16 and x8

- GDDR6 for low-cost, high bandwidth memory at 4Tbps
- Speedster®7t FPGAs
- 280 to 2600K 6LUTs
- Development Board
- VectorPath Accelerator Card
- EDA Tool
- Achronix CAD Environment

- Sensors
- Magnetic, Geomagnetic, Position Sensor
- Humidity, Pressure, Resistive Sensors
- TACT Switch
- Snap-in Type, SMD
- Radial Type, Contact sheet
- Switches
- Detector, Slide, Push, Rotary Switches
- Power, Dual-in-line Package Switches
- HAPRIC Reactor

- For Memory Card, Spring Contact
- Communication Modules
- GNSS, BT Modules, LAN
- Multi Control Devices
- Potentiometer, Switch Type
- Aspherical Glass Lens
- Power Inductors
- Current Sensors
- Toroidal Coil
- Actuators

- Potentiometers
- Rotary, Ring, Slide
- Connectors
- Touch Input Devices
- Energy Harvester
- Encoder
- Absolute, Incremental
- Magnetic, Ring Type
- Printers

- P Ch & N Ch MOSFETs
- Low, Mid and High voltage discrete MOSFETs
- On Resistance as low as 1.5mOhms
- Range of SMD and leaded packages

- Automotive - EV Charger
- Industrial & High Current
- Audio & DC Power
- EMI/RFI Power Line Filters
- USB-A Over USB-C Combo Connectors
- FAKRA, HDMI, USB

- Modular Jacks and Plugs
- Audio Jacks & Plugs
- AC Inlets & Outlets
- Waterproof I/O
- Waterproof Rugged

- D-Sub Connectors
- SATA Connectors
- 10GB Cat 6A RJ45 Connector
- Machined Sockets and Headers
- Display Port

- FAKRAaimmet® Automotive Fakra Connector
- SMB_Reverse Polarity, SMB_Robust
- SMB_Waterproof, SMB_Adaptor, SMB, SMB_ I
- SMB_ II, SMB_ 2.5, SMB_W/Fixture,
- SMB_Dual Port, SMB_Cable assembly, Waterproof Cap
- RF Connector
- 1.6/5.6 Series, 1.0/2.3 Series, 7/16 Series
- SMA Series, SMB Series, SMC Series, BT43 Series
- FME Series, MCX Series, MMCX Series, N Series
- TNC Series, UHF Series, MINI UHF Series
- SSMB Series, F Series, SMP Series, Reverse Polarity

- HSDaimmet® HSD (High Speed Data) Connector
- HSD PCB Type
- HSD Cable Assembly
- HSD 4+2 PIN PCB Type
- HSD 4+2 PIN Cable Assembly
- HSD 8 PIN PCB Type
- HSD to USB 2.0 TYPE A Adaptor
- HSD Waterproof Type
- SHSD PCB TYPE
- SHSD Cable Assembly
- SHSD to USB 3.0 TYPE A Adaptor
- HSD 4+4 PIN PCB Type
- HSD 4+4 PIN Cable Assembly

- Discrete MRAM
- P-SRAM (Persistent SRAM) Gen 1
- Density – 4Mbit & 8 Mbit
- P-SRAM (Persistent SRAM) Gen 2
- Serial (1, 4, 8, 16Mb & 32Mb)
- & Parallel (x8 & x16) (1, 4, 8, 16 & 32Mb)

- Serial Space Grade (1, 4, 8 & 16Mb)
- Parallel Space Grade (16Mb, 32Mb)
- Embedded MRAM (8 – 64Mbit)
- Embedded MRAM Macro (eMRAM)
- Analogous to embedded Flash (eFlash) technology
- Embedded S-MRAM Macro (eSRAM)
- Analogous to embedded SRAM technology

- Power
- Power Controllers
- LDO
- Buck-Boost (Au8310)
- SPS (Smart Power Stage)
- DC/DC (POL)

- RF
- FEM (Front End Modules)
- Power Amplifiers
- Switches

- MEMS
- Accelerometers (3 Axis Sensors)

- IoT & Sensors
- Water Flow Meters (Au2001)
- Position Sensor

- Automotive Sensors
- AECQ Compliant Products
- Circuit Protections
- Connectors
- Diodes
- EncodersD

- Fuses & PTC
- IGBTs
- ICT
- LED Shunt Protectors
- Magnetic Products
- Microelectronic Modules

- Potentiometers
- Resistors
- Sensors
- SPD
- Switches
- TCO (Thermal Cut Off)
- Trimpot Trim Potentiometers

- C16QS (LTE CAT 1 with GNSS/IRNSS)
- C17QS (LTE CAT1 Bis, Open CPU)
- C10QM (LTE CAT1, 2G Fallback, Linux)
- C20QM (LTE CAT4, 2G Fallback, Linux)
- CQS20 (LTE CAT4, 2G Fallback, Android)

- CQ10 (LTE CAT1, 2G Fallback, Linux)
- CQ20 (LTE CAT4, 2G Fallback, Linux)
- C42QM (LTE CAT M1/NB1/NB2/2G)
- C42GM (LTE -M/NB1/NB2)
- CQS290 (LTE CAT4, 2G, Smart Module)
- CQM220, CQM220 (5G Red Cap)

 www.cet-mos.com/en/	• N Channel MOSFET - 12V to 1200V • P Channel MOSFET - -200V to -20V • Dual N & P Channel MOSFET - +/-12V to +/-120V • Super Junction MOSFET • IGBT Product																																					
 www.chiplus.com	• LDO, LED Driver IC (Display & Lighting) • DRAM • SDRAM, LPDDR, DDR3 • SRAM • Low Power, HS Super Low Power, Pseudo, Fast SRAM																																					
 www.cirocomm.com	• Dielectric Ceramic Filter - WiFi 5.8GHz/2.4GHz Filter - LTE, GPS, DSRC Filter • 4G-LTE Antenna - SMD Chip, FPC, Metal • RFID Antenna, NFC Antenna • Dielectric Ceramic Filter - WiFi 5.8GHz/2.4GHz Filter - LTE, GPS, DSRC Filter • 4G-LTE Antenna - SMD Chip, FPC, Metal • RFID Antenna, NFC Antenna																																					
 www.en.everlight.com	• Visible LED • Infrared LED • Sensor • Photo Coupler																																					
 www.exascend.com	• PCIe Gen 3 x 4 - PCIe U.2 - M.2 2280 • SATA3 6.0Gb/s - SATA 2.5" - m-SATA - M.2 2280 2260 • CF Express - Type B • CFast 2.0 • eMMC - 4GB to 64GB • DRAM - DDR3 & DDR4 - U-DIMM & SO-DIMM																																					
 www.fanstel.com	• RF Modules - Nordic nRF53 BLE Modules, Optional Amplifier - Nordic nRF52 BLE Modules, Optional Amplifier - Semtech SX1262 LoRa modules, Optional PA - LTE-BLE-LoRa Modules for M.2 connector - Expressif, ESP32 WiFi Modules • Gateways Products - IP65 BLE-LoRa to LTE-WiFi-PoE Gateways - IP65 BLE-LTE, BLE-LoRa Long Range Sensor - Basic BLE-LTE, BLE-WiFi Gateways - Bluetooth Beacons, Sensors - nRF52840 USB Dongles - BLE, LoRa, LTE, GPS Antennas & Accessories																																					
 www.feasycom.com	<table border="1"> <thead> <tr> <th>Type</th><th>Version</th><th>Part No.</th></tr> </thead> <tbody> <tr> <td rowspan="4">BLE Module</td><td>BLE 4.2 (Open SDK)</td><td>FSC-BT646</td></tr> <tr> <td>BLE 5.0</td><td>FSC-BT616</td></tr> <tr> <td>BLE 5.0 Multiple Conenction</td><td>FSC-BT630</td></tr> <tr> <td>BLE 5.0 Auto Grade</td><td>FSC-BT616V</td></tr> <tr> <td rowspan="4">Dual Mode</td><td>BT 4.2</td><td>FSC-BT826E</td></tr> <tr> <td>BT 5.0, Multiple Conenction</td><td>FSC-BT836B</td></tr> <tr> <td>BT 4.2 Auto Grade</td><td>FSC-BT807A</td></tr> <tr> <td></td><td></td></tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Type</th><th>Version</th><th>Part No.</th></tr> </thead> <tbody> <tr> <td>Wi-Fi 2.4GHz</td><td>Wi-Fi Single Frequency, UART</td><td>FSC-BW226A</td></tr> <tr> <td>BT+Wi-Fi(2.4GHz)</td><td>BT 4.2 Dual Mode, 2.4GHz/UART</td><td>FSC-BW226</td></tr> <tr> <td>BT+Wi-Fi (2.4GHz & 5GHz)</td><td>BT 4.2 Dual Mode 2.4GHz & 5GHz/UART,SDIO</td><td>FSC-BW121</td></tr> <tr> <td></td><td>BLE 5.0, 2.4GHz & 5GHz/UART</td><td>FSC-BW236</td></tr> </tbody> </table>	Type	Version	Part No.	BLE Module	BLE 4.2 (Open SDK)	FSC-BT646	BLE 5.0	FSC-BT616	BLE 5.0 Multiple Conenction	FSC-BT630	BLE 5.0 Auto Grade	FSC-BT616V	Dual Mode	BT 4.2	FSC-BT826E	BT 5.0, Multiple Conenction	FSC-BT836B	BT 4.2 Auto Grade	FSC-BT807A			Type	Version	Part No.	Wi-Fi 2.4GHz	Wi-Fi Single Frequency, UART	FSC-BW226A	BT+Wi-Fi(2.4GHz)	BT 4.2 Dual Mode, 2.4GHz/UART	FSC-BW226	BT+Wi-Fi (2.4GHz & 5GHz)	BT 4.2 Dual Mode 2.4GHz & 5GHz/UART,SDIO	FSC-BW121		BLE 5.0, 2.4GHz & 5GHz/UART	FSC-BW236	
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 www.flexpowermodules.com	• Isolated DC/DC modules - Digital converters - Analog converters • Non-isolated DC/DC modules - Digital converters - Digital point of load - Analog point of load • Direct conversion modules • Power interface modules • Power Interface Modules																																					
 www.fsp-group.com	- AC PSU for - Adaptors - IPC PSU - Open Frame - PC PSU - Battery Charger - PV Inverter - UPS - Medical PSU - ESS - SSL LED Drivers - Display PSU																																					
 www.gigadevice.com	• Flash Memory - SPI NOR Flash - SPI NAND Flash - Parallel NAND Flash • GD32 Microcontrollers (STM32 Replacement) - Cortex-M3 - Cortex-M4 - RISC-V - Cortex-M23 - Cortex-M33 • GD32 Evaluation Boards & Starter Kits • GD32 MCU Software Support Tools																																					
 www.gowinsemi.com	• Littlebee - Non-volatile FPGA - 1K to 9K LUT - In built: 12-ADC, 8 Channels, Arm Cortex M3 (60MHz), - Embedded pSRAM - SRAM PUF Technology - AEC-Q100 Certified FPGA • GoAI: Artificial • ARORA - 9K, 18K & 55K LUT4 - Softcore Processor Support: RISC-V, Arm Cortex M3/M1 - Embedded SDRAM - Non-volatile support • Little Bee & Arora FPGA based Development Boards • Reference Design • Gowin EDA Tool: Free IP core support																																					
 www.gsistechnology.com	• Quad, DDR, Syncburst, Asynchronous, NBT, Speciality • SRAMS • Low Latency DRAMS, IP Ports • Radiation Hardening & Radiation Tolerance • Military Temperature • In - Place Associative Computing APU																																					

 www.inplay-tech.com	• IN100 NanoBeacon™ • IN618 SMULL • IN612L SDR Networking • IN610 Bluetooth 5	
 www.jinchanggps.com	• 433MHz/868MHz/915MHz/2.4G/4G Fiberglass Antenna • Smart Antenna • Auto Pre-market Antenna - Position Antenna - Shark Fin Antenna - T-box Antenna • Multi-GNSS High Precision Antenna • Wireless Antenna - 3G Antenna - 4G/LTE Antenna - GSM/GPRS (2G) Antenna • GNSS Antenna - GNSS External Antenna - GNSS Internal Antenna - Patch Antenna - HIGH Precision • WiFi Antenna • ISM Band • Combo Antenna • AM/FM Antenna • DAB • Other • Cables & Connectors	
 www.jmodisplay.com	• TFT Display Modules - 2.4", 2.8", 3.2", 3.5", 4.3", 5", 5.6", 5.7", 7", 8" 9", 10.1", 10.2", 10.4", 11.6", 12.3"... - I/F - MCU, RGB, TTL, LVDS & MIPI DSI • Touch (Customized Glass – RTP & CTP) - Air bonding: Double-sided tape - OCA: Optical Clear Adhesive - OCR: Optical Clear Resin (LOCA: Liquid Optical Clear Adhesive) • HMI (Android or Linux) - 4.3", 5", 7", 10.1", 15.6" - Resolution – 800*480 to 1920*1080 - NITS – 300 to 600	
 www.lontiumsemi.com	• HDMI • DP/eDP/eDPX • USB/Type-C • LCD Controller • MIPI/LVDS	
 www.magtronworld.com	• Residual Current Sensors With Analog Output • Residual Current Sensors For EV Charger • Residual Current Module For RCD • Current Sensor • High Voltage DC Contactor • MCU Chip	
 www.microchip.com	• Programmable Logic • Analog • Clock and Timing • Memory • Wireless • Security ICs • Power Management • Smart Energy/Metering • Touch and Gesture • Display and LED Drivers • 8/16/32-bit PIC® Microcontrollers & 32 Bit MPUs • Embedded Controllers and Super I/O • High-Speed Networking and Video • Interface and Connectivity • Aerospace and Defense	
 www.mindmotion.com.cn	• MM32 F - High Performance MCUs • MM32 G - Efficiency MCUs • MM32 L - Low Power MCUs • MM32 A - Automotive MCUs • MM32 SPIN - Motor & Power MCUs • MM32 W - Wireless Connectivity MCUs	
 www.neltron.com	• Board To Board • Wire To Board • Wire To Wire • M Series Circular • USB Type-C Series • USB Series • Insert Mold Technology • Pin Header Series • PCB Socket Series • Box & Shrouded Header • IDC / Card Edge Connector • FPC / FFC Connector Series • D-SUB • Machine Pin Series • Pogo Pin Series • Press-Fit Series • Wire Harness / Cable Assembly	
 www.nichicon.co.jp	• Plastic Film Caps • Film Capacitor ER & EJ Series • Positive Thermistor • Small Lithium Ion Rechargeable • Electric Double Layer Caps • Inverter Smoothing Caps • Positive Film Caps • Aluminum Solid Electrolytic Caps • Chip Type, Miniature, Large Can Aluminum • Electrolytic Caps • Conductive Polymer Hybrid Aluminum - Electrolytic Caps • Conductive Polymer Aluminum Solid - Electrolytic Caps	
 www.oriclcd.com	• TFT LCD Below 3 Inch • (0.96" to 2.8") • TFT LCD 3" to 5" • TFT LCD 7" & 10.1 • OLED Display - AMOLED (0.95" to 5.5") - PMOLED — (0.49" to 5.5") • Mono LCD - Segment LCD - Character LCD (8 X 1 to 40 X 2) • Graphic LCD up to 320 X 240 Dots	
 www.ouster.com	• Digital Lidar Sensor - OSO : For ultra-wise filed-of-view, 90 deg FoV, 50m range - OS1: For all-around performance, 45 deg FoV, 120m range - OS2: For long-range, 22.5 deg FoV, 240m range • Fully Solid-State Digital Lidar - ES2: For automotive ADAS - True solid-state, 200+m range - All with zero moving parts - ISO 26262, ASIL-B, SIL-2 & ASPICE	
 www.industrial.panasonic.com	• Capacitors • Electromechanical • Wireless Connectivity • Industrial Automation • Batteries • Connectors • HVAC/R & Appliance Devices • Storage Media • Sensors • Semiconductors • Circuit Protection • Inductors (Coils) • Relays & Contactors • Thermal Management • Optical Components	



www.parrytech.net

- Products
 - GNSS Modem HAT PCBAs for Raspberry Pi
 - GNSS Modem shield PCBAs for, Arduino
 - Analog & Digital Test Jig HAT boards for Raspberry Pi
 - GPS, IRNSS Module, PCBAs
 - LoRa® Module, LoRa® evaluation board
 - LoRa® to Wi-Fi / GSM / BLE Gateway
 - BLE to Wi-Fi/GSM Gateway
- Services
 - Electronic product / PCBA design, development, proto and testing services
 - Custom Android product hardware & software development with smart modules
 - ODM services for electronic products / PCBAs including design, development, component sourcing, mass PCBA manufacturing, testing and supply
 - Antenna tuning / Antenna impedance matching services for wireless IoT products with GNSS, GSM, Wi-Fi, BLE, LoRa
- Solutions
 - Refrigeration temperature monitoring with BLE / LoRa® with Wi-Fi / GSM Gateway
 - Asset / Vehicle tracking solution with LoRa® / GSM
 - LoRa® based solutions for Agriculture, Smart Industries, Smart city, Smart building monitoring & control solutions
 - Long range Wireless sensor nodes with battery / energy harvesting
 - Environmental sensing with long range RF / LoRa® / Wi-Fi / GSM
 - People counting, intrusion detection for smart building



www.passivecomponent.com

- Antenna
- TVS - ESD, Power TVS
- RF Devices - Balanced Filter
- Common Mode Filters
- Chip Resistor
- Multilayer Varistor
- Inductor
 - Multi-Layer, Wire wound chip
 - SMD air coil, Power inductor
- Chip Ferrite Beads
- MLCC
- Disc Cap
 - MLC Radial Lead Cap
 - Safety Cap
 - Ceramic Disc Cap



www.phison.com

- SSD PATA, CF 6.0, SATA Gen III - M.2 2242/2280, CF Card, 2.5" SSD, BGA, mSATA/Mini, Half Slim, CFast, SATA Flash Module
- eMMC 5.1 & 5.0 - 2D MLC - Density 4GB to 64GB, 3D TLC Density 4GB to 128GB
- UFS
- USB
- Memory Card, SD, Micro SD



www.picodenshi.com

- SMD Wire Element Fuse
- SMD Chip Fuse
- Micro Fuse & Protector
- Glass & Ceramic Fuse
- Power Fuse
- Overvoltage Protector
 - Bencent Product
 - TSS and TVS Series
 - GDT Series
 - Sembo Product
 - TSS, MOV and TVS Series
 - GDT and SPG Series
- ESD Suppressor Device
- PTC Resettable Fuse
- IEC Connector AC-Inlet Receptacle
- Automotive Fuses



www.princeton.com.tw

- Multimedia Audio IC
 - Audio - Line Driver, Power Amplifier, Processor
 - Broadband Video Switch, Digital-to-Analog Converter
 - Echo Processor,
 - Electronic Volume Controller
 - Headphone Driver,
 - Multiple Function Audio Amplifier
 - Preset Equalizer / 3D Sound Processor
 - Radio Data System Decoder
- LED Driver IC
 - Backlight, Display, Lighting, Car Cluster
 - Sign Board, Decoration, Clock
- Motor Driver IC
 - Driver IC - Micro Step, Multi-Channel
 - High Voltage Stepping, DC Motor, 3 Phase BLDC Motor
 - Gate Driver IC & MOSFET for BLDC/PMSM Motor Driver
- RF IC
 - PLL, Power Amplifier
 - Receiver, Transceiver, Transmitter
- Remote Control IC
 - Remote Control Receiver IC /
 - Transmitter IC
- I/O Expander IC
- Power IC
 - AC-DC, DC-DC Converter IC
 - Regulator
- Display Driver IC
 - LCD, TFT, VFD, OLED



www.realtek.com

- Networked Multimedia Ics
 - High Speed Bridge Controllers – 10Gbps
 - Network Interface Controllers – 2.5Gbps, Gb
 - Single-port PHYceiver – 2.5Gbps, Fast Gb
 - Computer Peripheral Ics
- Communication Network Ics
 - Broadband Access Controllers – ADSL2+
 - Gateway Controllers
 - Gigabit Ethernet – Multi Ports
 - Switch Controllers – Managed Switch, Gb, FE
 - Wireless LAN Ics
 - DTV Demodulators – DVB T/C,
 - BLE – 5.3



www.recom-power.com

- POWER SOLUTIONS
 - Additional PCS Products
 - Battery treatment
 - Bidirectional
 - High Power AC & DC
 - Inverters, PFC-Stages
 - Special Applications
- AC/DC POWER SUPPLIES
 - Chassis mounted
 - PCB mounted, Wired
- ISOLATED DC/DC CONVERTERS
 - DIN-Rail - Regulated, Unregulated
 - E-Series, K-Series
- SWITCHING REGULATORS
 - Low Voltage, High Power
 - K-Series, Power Modules
 - THT / Wired, SMD
- LED DRIVERS
 - Constant Current
- ACCESSORIES
 - EMI Filter Inductors
 - Surge Protectors
- CUSTOMIZATION
 - Custom Power Supplies



www.seco.com

- Single Board Computer
- ETX
- HMI
- Embedded NUC
- Boxed Solutions
- Smart Edge Computing
- Qseven, SMARC, COM Express
- Powered by Intel, NXP, AMD, XILINX, nVIDIA Rockchip



www.semtech.com

- LoRa® Wireless RF
- Circuit Protection
- Signal Integrity
- Professional AV
- PerSe® Smart Sensing
- Broadcast Video
- Power Management
- Cellular IoT Solutions

- 2", 3" & 4" thermal printer mechanisms with / without cutter options
- Printer mechanism operated at 5V, 12V & 24V available
- Single cell operated 2" vertical mount mechanisms
- High speed and rugged mechanisms for POS, KIOSK in Industrial & Medical ECG applications

- Amplifiers
 - High Speed, Low Noise, Current Sense,
 - Nano/Micro Power, Precision
- Comparator
 - Nano Power, High Speed
- Data Converters – ADC, DAC
- Voltage Reference
- Audio Switch
- Audio / Video Driver
 - Audio Line Driver, Video Buffers,
 - Headphone Drivers, Class AB Power Amplifiers
- Click-Pop Noise Suppressors
- Logic IC
 - Level Translators, Level Shifters & Drivers
 - Small Logic Series
- Temperature Sensor
- RF Switch
- Power Management IC
 - Reset, Li-Ion Battery Chargers & Protection IC
 - DC/DC Converters, Multi channel / High Accuracy LDO,
 - Over Voltage Protection IC, Load Switch,
 - solated Power, Flash/White LED Drivers
- Motor / Gate Driver

- Modules for:
 - 5G: R15, mm wave & mini PCIe
 - LPWA: NBIoT & 2G fall back
 - 4G: CAT1, CAT4 & mini PCIe
 - Wi-Fi
- 3G
- 2G
- GNSS
- LTE-A: CAT6, CAT12, mini PCIe
- Smart Modules
- Automotive Modules: CAT4, C-V2X with PC5 Interface

- Connector Solutions for: [M.A.G.I.C]
 - Medical Health
 - Automotive & Aviation
 - Green Energy
 - Industrial
 - Communications
- Customized connector products with value additions of Design:
 - Manufacturing
 - Connectors/components
 - Cable assembly, PCB assembly

- NavIC Rx Module - GPS / GLONASS / GAGAN
- GNSS Rx Chipset - Dual RF Input & Automatic Antenna Switching
- GNSS Rx Module - GNSS Receiver Module
- RTK Rx Module - Precision Heading Application
- 3D Dead Reckoning Rx Module
 - GNSS Position, Dead-Reckoning, 6-axis IMU, vehicle odometer signal, barometric pressure sensor
- Timing Module - Chipset for precision timing GPS receiver application

- Buzzer – Magnetic, Piezo, Mechanical
- Microphones – ECM & MEMS
- Speaker – Mylar, Loud, Notebook, SMD
- Receiver
- Ultrasonic Transducer & sensor
- OEM Solutions – Ultrasonic Range Finder, Liquid Auto-fill Control Unit, Dust Sensor, Ultrasonic Digital Atomizer, Microporous Atomizing Module

- DATA CENTER TRANSCEIVER
 - 400G Transceivers
 - 100G QSFP28
 - 40G QSFP+, 25G AOC
- FIXED BROADBAND
 - 10G EPON, XGPON
 - GPON ONU, XGSPON
- OPTICAL TRANSMISSION
 - 400G CFP8
 - 100G Transceiver
 - SFP Transceivers
- XFP, CWDM SFP
- SGMII SFP
- Bi-directional SFP
- SFP+
- WIRELESS BROADBAND
 - 25G SFP28
 - Bi-directional SFP, SFP, SFP+

- Production Quality Programmers
- ICP2(G3)
- ICSP™ Programmer
- ICP2-GANG(G3)
- 4 channel ICSP™ GANG Programmer
- ICP2-COMBO(G3)

- RF SAW Filters
- IF SAW Filters
- SAW Resonators
- SAW Duplexer
- SAW Oscillators
- VCSO (Voltage Controller SAW O/S)
- Crystal Resonators
- Crystal Filter
- Crystal Oscillators
- VCO (Voltage Controller O/S)
- VCTCXO (Voltage Controlled Temp Compensated Crystal O/S)
- OCXO (Oven Controlled Crystal Oscillators)

- Antennas
 - Single Band GNSS
 - Dual Band GNSS
 - Triple Band GNSS
 - Full GNSS Antenna
- Passive GNSS Antenna
- Iridium Antenna
- Smart Antenna
- Accessories
 - Amplifiers
 - Signal Splitters
 - Mounting Accessories
- Ground Planes

- Topdiode
 - Transistors
 - Schottky Diode
 - Rectifier Diode
 - Switching Diode
 - Zener Diode
- Fast Recovery Diode
- TVS Diode & Diacs
- Bridge Rectifier
- UF Capacitors
 - Tantalum Capacitor
 - Film Capacitor
 - Ceramic Capacitor
 - SMD Electrolytic Capacitor
 - Leaded Varistor

NEXCOMM Asia

Established in 2005, Nexcomm-Asia is a growing distributor, providing highest quality electronic components, engineering design services and supply chain management to Original Equipment Manufacturers ("OEM"), Original Design Manufacturers ("ODM"), System Integrators ("SI") and Electronic Manufacturing Services ("EMS") in the Asia Pacific region. Headquartered at Singapore, Nexcomm-Asia operates in Singapore, India, China, Malaysia, Myanmar & Vietnam.

Nexcomm-Asia, through strategic partnership with its franchised partners, offers the best solution for customers aimed at improving customer's product quality, cost competitiveness and operational efficiency.

Nexcomm-Asia, through System Engineering team, offers options of "Consultancy" or "ODM solution" or "Total solution", enabling customers with faster time to market, ensuring product quality and ease their product deployment challenges.



Circuit Building Blocks

INPUT SECTION

Sensors
Temperature, Humidity
Accelerometer, Gyro-
scope
Magnetometer, IMU's
Hall Current Sensor
Microphone,
Ultrasonic Transducer
**(Alps, Panasonic,
mCube, NVE Corp,
Xsens)**

Sensors
Inductive, Light, Gas
TVOC, H2, PM2.5, PIR
Bio Sensor
Pressure Sensor, IR
Array 3D Lidar
**(ES Systems, IDT,
Panasonic, Ouster,
Renesas)**

Amplifiers
Filters
Digi POT, ADC
**(MCT, Renesas,
SG Micro)**

Switches, Encoder
Finger Printer Sensor,
POT
(Alps, Synccbyte)

Passives

CR, L, ECaps, Schottky, FRD, SiC
Schottky, TVS, ESD, Bridge, EMI/
RFI Power Line Filters
(Adamtech, Panasonic, Panjit,
Nichicon, Top Diode, Walsin)

Power

Iso AC/DC
(Arch Corp,
Toppower)
Iso DC/DC
Power Modules
(Flex, Toppower)

Non Iso
DC/DC
(Flex,
Microchip,
Renesas)

Battery
(Panasonic,
Nichicon,
Varta)

Processing Unit

MCU, MPU &
SOM / SBC
(MCT, Renesas
SECO)

Associative
Processing
Unit (APU)
(GSI)

FPGA
FPGA With
ARM MCU
(Achronix,
Gowin)

Connectivity

Transceivers
RS232/485
CAN, LIN, Flex ray
I/O Link driver
Fiber Optic Modules
(MCT, NVE Corp,
Renesas, SP)

Bus Comm
USB 2.0, 3.0, Ethernet
PCIe, Rapid I/O, MIPI
LVDS, USB Type C
HDMI, eDPx
(MCT, Renesas
Lontium)

Wireless BLE, WiFi, NBLoT
GSM/3G/4G/5G, ZigBee, LoRa
(AcSIP, Cavii Wireless,
Celium Devices, Fanstel
Feasycom, Gowin, MTK, MCT,
Sierra Wireless)

RF

Beam Forming IC, VVA, DSA, IQ Mod/Dem,
PLL, ADC, Prescaler, VCO, Mixer, VGA, PA
VGA (IF & RF), Switch, Filters (Cavity, LC)
(IDT, Renesas, Wi2Wi, TST)

Memory

eMMC
(Exascend,
Phison)
Flash NOR,
Data Flash
(Giga Devices,
MCT,
Renesas)

SSD SATA3
PCIe 3 M.2
(Exascend,
Phison)

MRAM
(Avalanche
Technology,
Renesas)

SRAM
(GSI Tech,
IDT,
Renesas)

SDRAM, DDR
DDR3/4
(Bordison,
Chiplus,
GigaDevice,
Exascend)

Others

MOSFET
BJT, IGBT
(Analog Power,
Panjit, Renesas)

Antenna
(Cirocomm
Walsin
Tallysman)

Connector Fakra,
RF, High Speed
Data, B2B
(Aimmet, Adam-
tech,
Kinsun)

Timing & Clock

Crystals MEMS O/S
XO, TCXO
VCXO, OCXO
(IDT, MCT, Tai-Saw, Wi2Wi)

RTC Chips
RTC Modules
(MCT, Renesas)

Clock Generation / Distribution
Buffers, Dividers, Multiplexers
Jitter Attenuators, Frequency Translators
(IDT)

GPS / IRNSS / GLONASS / BD
Timing Module, RTK Rx Module
Dead Reckoning
(Sierra Wireless, SkyTraQ, Wi2Wi)

OUTPUT SECTION

TFT Display
**(Formike,
LED Drivers,
Oric Display)**

Printer Modules
(Alps, Seiko)

Class AB Power Amp
Speakers, Buzzer
(Sound Components)

Audio Video Driver
(SG Micro)

Motor Driver
Gate Drivers
(MCT, PTC, Renesas)

SFP, SFP+ Modules
(Source Photonics)

DAC, 0-5V
(MCT, Renesas)

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