



2021

PRODUCT LINES

ENABLING YOUR ELECTRONIC PRODUCTS AND SYSTEMS





www.acsip.com.tw

- IoT-WiFi
 - ♦ WiFi b/g/n + 580MHz MIPS CPU Core
 - ♦ ARM Cortex M4 MCU + WiFi 802.11 b/g/n
 - ♦ ARM Cortex M4 MCU + WiFi 802.11 b/g/n + BLE
 - ♦ ARM Cortex M4 MCU + WiFi 802.11 a/b/g/n + BLE
- IoT-LoRa
 - ♦ SX1276 + STM32L073x
 - ♦ SX1278 + STM32L073x
 - ♦ SX1276 + STM32L073x + GNSS
 - ♦ SX1278 + STM32L073x + GNSS



www.airoha.com.tw

- Bluetooth
- Front-End Solution
- Satellite Tuner
- Wireless LAN
- WIFI STA
- WEARABLE
- M2M
- GPS/GNSS
- FM Tuner



www.alps.com

- 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



www.archcorp.com

- AC/DC ITE Power Module
 - Power output: 2W ~ 150W
- AC/DC ITE SMPS
 - Power output: 60W ~ 700W
- AC/DC Household Module
 - Power output: 10W ~ 50W
- AC/DC Medical SMPS
 - Power output: 120W ~ 700W
 - Medical safety approved (2 x MOPP) to ANSI/AAMI ES60601-1 & IEC/EN60601-1
- AC/DC Medical Module
 - Power output: 15W ~ 150W
- AC/DC Full Brick Module
 - Power output 300W
- AC EMI Filter
 - Current Rating 1A~2A
 - Typical application for 1~150W Power Products
- DC/DC Converter
 - Power output 1.5W ~ 100W
 - Regulated Single, Dual, or Triple Output
 - Wide Input Range 2:1 & 4:1



www.analogpowerinc.com

- Low Voltage MOSFETs - P Ch & N Ch.



www.adam-tech.com

FAKRA, Waterproof I/O, Audio & DC Power, Automotive, HDMI, Modular Jacks and Plugs, USB, DisplayPort, Audio Jacks & Plugs, AC Inlets & Outlets, D-Sub Connectors, SATA Connectors, Machined Sockets and Headers, USB-A Over USB-C Combo Connectors, 10 GB Cat 6A RJ45 Connector, Waterproof Rugged, Industrial & High Current, EMI/RFI Power Line Filters etc..



www.aimmet.com

- 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



www.avalanche-technology.com

- 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



www.bordison.com

- Synchronous DRAM
 - 16Mb to 512 Mb
- DDR SDRAM
 - 256Mb & 512 Mb
- DDR2 SDRAM
 - 512 Mb to 1Gb
- DDR3 SDRAM
 - 1Gb to 4Gb



www.celiumdevices.com

- BLE 5.0 Modules
 - BE-10 Family – Low Cost Support 802.15.4
 - BE-32 Family - Supports BLE Mesh, ANT 802.15.4
 - BE-33 Family - v5.2 BLE, BLE Mesh, ANT+, Proprietary 2.4 GHz RF, Zigbee, Thread
 - BE-40 Family - Supports BLE Mesh, ANT 802.15.4, Thread, Zigbee, NFC A-Tag
- WiFi Module
 - WE10 Family
 - WiFi/BLE Combo
 - WE20



- SRAM
 - ♦ Low Power, HS Super Low Power, Pseudo, Fast SRAM
- LDO, LED Driver IC (Display & Lighting)
- DRAM
 - ♦ SDRAM, LPDDR, DDR3



- Dielectric Ceramic Filter
 - WiFi 5.8GHZ/2.4GHz Filter
 - LTE, GPS, DSRC Filter
- 4G-LTE Antenna
 - SMD Chip, FPC, Metal
- GSM-2G-3G Antenna
 - SMD Chip, FPC, Metal 2G / 3G External
- GNSS Active / Passive Antenna
 - Patch, SMD, L1+L2 (IRNSS)
- WiFi / ZigBee BT Antenna
 - 2.4GHz – FPC, Chip, Patch, SMD
 - 2.4GHz+5.8GHz Combo Chip
- NB-IoT Antenna (LPWA)
 - NB-IoT+2.4GHz Combo, Module
- DSRC 5.9 GHz Antenna
 - Print Chip, 866/915MHz Patch
- RFID Antenna, NFC Antenna
- Customized Antenna



- 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



Type	Version	Part No.	Type	Version	Part No.
BLE Module	BLE 4.2 (Open SDK)	FSC-BT646	Wi-Fi 2.4GHz	Wi-Fi Single Frequency, UART	FSC-BW226A
	BLE 5.0	FSC-BT616	BT+Wi-Fi(2.4GHZ)	BT 4.2 Dual Mode, 2.4GHz/UART	FSC-BW226
	BLE 5.0 Multiple Conenction	FSC-BT630			
	BLE 5.0 Auto Grade	FSC-BT616V	BT+Wi-Fi (2.4GHZ & 5GHz)	BT 4.2 Dual Mode 2.4GHz & 5GHz/UART,SDIO BLE 5.0, 2.4GHz & 5GHz/UART	FSC-BW121 FSC-BW236
Dual Mode	BT 4.2	FSC-BT826E			
	BT 5.0, Multiple Conenction	FSC-BT836B			
	BT 4.2 Auto Grade	FSC-BT807A			



- 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



- TFT, Mono, OLED, Display
- Cell Phone Parts
- Wi-Fi Module, Wireless Terminal



- Wireless Audio
- Wireless Cameras

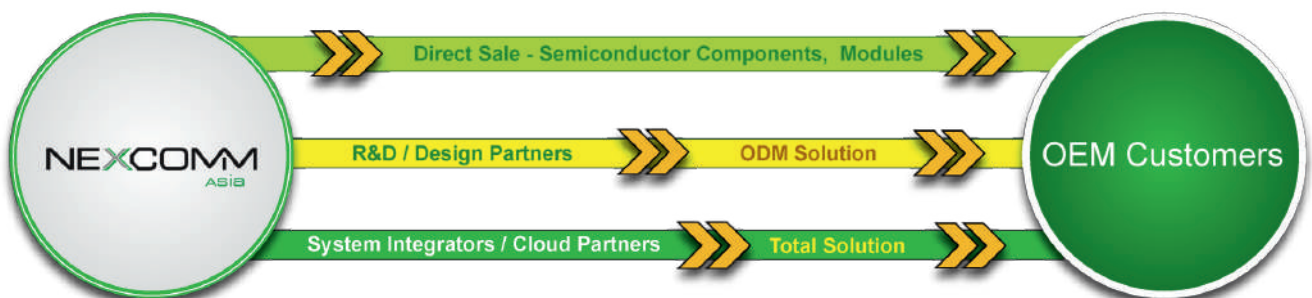


- ARORA – 32 Bit RISC-V IP in GW-2A FPGA
- LITTLEBEE - FPGA Ultra-low power, Instant
- on, Extreme low cost, Non-volatile, High securit
- Secure FPGA
- GW1NRF-4 μ SoC FPGA BLE module



- Quad, DDR, Syncburst, Asynchronous, NBT, Specialty SRAMS
- Low Latency DRAMS, IP Ports
- Rad-Hard & Rad Tolerant
- Mil Temperature
- In-Place Associative Computing APU

NEXCOMM-ASIA ECO SYSTEM PARTNERS





www.idt.com

Clock ICs and Clock Timing Solutions

- Application-Specific Clocks
 - ♦ Network Synchronization
 - ♦ IEEE 1588 and Synchronous Ethernet Clocks
 - PDH and SONET/SDH Clocks
- Processor Clocks
 - ♦ Processor Clock Buffers, Generators
 - ♦ Real-Time Clocks
- RF & JESD204B Timing
 - ♦ RF Buffers and Dividers
 - ♦ RF Converter Clocks
 - ♦ RF Synthesizers & PLLs
 - ♦ Spread-Spectrum Clocks
- Clock Distribution
 - ♦ Clock Buffers & Drivers
 - ♦ Clock Dividers
 - ♦ Clock Multiplexers
 - ♦ Zero Delay Buffers (ZDB)
- Clock Generation
 - ♦ Clocks - Extreme Performance (<150 fs RMS)
 - ♦ Clocks - Low Jitter (<700 fs RMS)
 - ♦ Clocks - Ultra-Low Jitter (<300 fs RMS)
 - ♦ Programmable Clocks
- Crystal Oscillators
- Jitter Attenuators with Frequency Translation

Interface & Connectivity

- 6LoWPAN Wireless Modules
- AS-Interface Products
- Data Compression
- IO-Link Line Drivers
- Memory Interface Products
 - ♦ DDR2 / 3 / 4 / 5 Solutions
 - ♦ Memory Multiplexers
 - ♦ SDR Solutions
- Optical Interconnect – Datacom & Telecom
 - ♦ Laser Drivers, Optical CDR and Retimers
 - ♦ Optical Transimpedance Amplifiers (TIA)
 - ♦ Optical Modulator Drivers
- PCI Express® Solutions
 - ♦ PCI / X Bridges
 - ♦ PCI Express® Bridges & Switches, Clocks, Clock Buffers and Multiplexers
 - ♦ PCI Express® Clock Generators, Gen2 Repeaters, Gen3 Retimers
 - ♦ PCI Express® to Serial RapidIO® Bridges
- Serial RapidIO® Solutions
 - ♦ Data Compression, PCI Express® to Serial RapidIO® Bridges

- ♦ RapidIO Switches, Serial RapidIO® 2.1 Repeaters
- Signal Integrity Products
 - ♦ Multiprotocol, USB 3.0 Repeaters
 - ♦ SAS / SATA 6G, Serial RapidIO® 2.1 Repeaters
 - ♦ XAUI Repeaters
- Telecom Interface Products
 - ♦ PCM CODECs
 - ♦ T1/J1/E1 Interface Products
 - ♦ Time Slot Interchange (TSI) Digital Switches
- Video Broadcast Software & ASICs
- VME

Memory & Logic

- Bus Switch
 - ♦ 3.3V CBTLV , Double Density (General Purpose Bus Switch)
 - ♦ 3.3V / 5.0V QuickSwitch (High Bandwidth Bus Switch)
 - ♦ Analog Switches, Mux / Demux
- EHB (Embedded Host Bridges)
- FIFO Products
 - ♦ Async / Sync FIFOs
 - ♦ Queuing FIFOs
 - ♦ Memory Multiplexers, SDR Solutions
- Multi-Port Memory
 - ♦ FourPort RAMs, Asyn / Sync Dual-Port RAMs
- SRAMs
 - ♦ Async SRAMs, Sync Burst
 - ♦ Zero Bus Turnaround (ZBT)
- Standard Logic

Power Management

- Motor Control ICs
- Power Management ICs (PMIC) and PMUs
- Wireless Power – Transmitters & Receivers

RF Products

- Millimeter and Microwave Solutions (mmWave)
- Modulators & Demodulators, Variable Gain Amplifiers (VGA)
- RF Amplifiers / Attenuators / Mixers / Switches
- RF Synthesizers & PLLs

Environmental Sensor and Automotive

- **Sensor IC Solutions**
 - ♦ Sensors – Flow / Gas / Humidity / Position
- Sensor Signal Conditioners



www.kinsun.com

- Circular Connector
 - M8, M9, M12, M23
- Waterproof Connectors
 - Quick/Metal Lock, Screw Type, Gland
- RF Antennas
 - Coaxial Cables
- RJ Modular Jack
 - Top/Bottom Entry, Right Angled, Magnetic
 - Keystone Jack, 45 Degree Angle

- RF Connector
 - Reverse SMA, Coaxial, MCX, SMA
- ICT Connectors
 - USB, Plug PCB Plug, Mini Fit/Micro Fit
 - Pin Header, Audio Jack, European Socket
 - IDC Connector, Medical Connectors
- Automotive Connectors
 - Fakra HSD, Waterproof Antenna
- Stamping Part



www.kingbright.com

- High Brightness LEDs
- SMD LED
- Through-Hole LED

- SMD Display
- Through-Hole Display & LED
- Circuit Board Indicator

- Infrared & Phototransistor



www.lontiumsemi.com

- HDMI
- DP/eDP/eDPX
- MIPI/LVDS
- USB/Type-C
- LCD Controller



www.mcubemems.com

- Accelerometers – 3 Axis Sensors
- eCompass & iGyro™ - 6 Axis Sensors



www.nichicon.co.jp

- Chip Type, Miniature, Large Can Aluminum Electrolytic Caps
- Conductive Polymer Hybrid Aluminum Electrolytic Caps
- Conductive Polymer Aluminum Solid Electrolytic Caps
- Aluminum Solid Electrolytic Caps
- Inverter Smoothing Caps
- Film Capacitor ER & EJ Series
- Small Lithium Ion Rechargeable Battery
- Electric Double Layer Caps
- Positive Film Caps
- Positive Thermistor
- Plastic Film Caps



www.mediatek.com

- Connectivity
 - ♦ Home Networking
 - ♦ Broadband Wi-Fi
- Automotive
 - ♦ Infotainment, mmWave
 - ♦ Telematics, V-ADAS
- IoT
 - ♦ Azure Sphere
 - ♦ Location Intelligence
- M2M, NB-IoT
 - ♦ Smart Home, Wearables



www.microchip.com

- 8/16/32-bit PIC® Microcontrollers & 32 Bit MPUs
- Aerospace and Defense
- Clock and Timing
- Display and LED Drivers
- Embedded Controllers and Super I/O
- Analog
- Power Management
- Smart Energy/Metering
- Touch and Gesture
- Wireless
- High-Speed Networking and Video
- Interface and Connectivity
- Memory
- Programmable Logic
- Security ICs



en.ogemray.com

- Smart Hardware
 - ◆ Smart Ceiling lamp
 - ◆ Dash button E-GET
 - ◆ Smart Power Plug, smart bulb light
 - ◆ Smart Switch, smart low voltage LED strip controller
 - ◆ Wi-Fi smart power plug
 - ◆ smart alarm light, Smart Speaker
 - ◆ smart Wi-Fi wall touch switch
- ◆ Wi-Fi Plug with repeater function
- ◆ Wi-Fi Smart LED Driver
- ◆ Wi-Fi Modules based on Chipsets
 - Qualcomm
 - MTT
 - ESP
- ◆ Smart Lighting Control Module
- ◆ Wi-Fi USB Adaptor
- ◆ Wi-Fi Repeater



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.passivecomponent.com

- Antenna
- TVS – ESD, Power TVS
- Multilayer Varistor
- SMD MOV
- Common Mode Filters
- Chip Ferrite Beads
- MLCC
- Chip Resistor
- RF Devices – Balanced Filter
- Inductor
 - ◆ Multi-Layer, Wire wound chip
 - ◆ SMD air coil, Power inductor
- Mov Varistor
 - ◆ ESD Protection at High Speed Application, Surge Protection
- Disc Cap
 - ◆ MLC Radial Lead Cap
 - ◆ Safety Cap
 - ◆ Ceramic Disc Cap
- Power Inductor
 - ◆ Metal Moulding
 - ◆ Ferrite Multilayer
 - ◆ Ferrite Wire-Wound



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
- Encoder / Decoder IC
 - ◆ Fixed Code Decoder / Encoder
 - ◆ Programmable Polyfuse Encoder IC, O Encoder IC
 - ◆ Programmable OTP & Rolling Encode
- Remote Control IC
 - ◆ Remote Control Receiver IC / Transmitter IC
- GPS IC
- I/O Expander IC
- Power IC
 - ◆ AC-DC, DC-DC Converter IC
 - ◆ Regulator
- PFC Controller IC
- Microcontrollers
- Display Driver IC
 - ◆ LCD, TFT, VFD, OLED



www.panjit.com.tw

- Schottky
 - Small Signal Schottky
 - Power Schottky
 - Super Schottky
- Bipolar Junction Transistor
 - BJT General Purpose
 - BJT Low VCEsat
- Bridge
- Zener
- Protection Devices
 - ESD Protection
 - Transient Voltage Suppressors
- MOSFET
 - LV, MV, HV
- SiC Schottky
 - Small Signal Switching Diode
 - General Purpose Rectifier
 - Fast Recovery Rectifier
 - Ultra Fast Recovery Rectifier
 - Super Fast Recovery Rectifier
 - FRED



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.renesas.com

- Microcontrollers and Microprocessors
 - ♦ RL78, RX, RH850, Synergy™, Secure MCUs
 - ♦ RZ MPUs
- Audio & Video
 - ♦ Audio ICs, Switches
 - ♦ Buffered Video MUXs
 - ♦ DVI/HDMI
 - ♦ HD Video AFEs, Decoders/Encoders
 - ♦ Security Surveillance ICs
- Analog & Power
 - ♦ Analog
 - Comparators
 - Display Programmable Gamma
 - Gain Blocks
 - Instrumentation Amplifiers
 - Sample and Hold Amplifiers
 - Special Analog
 - ♦ Discrete & Power Devices
 - IGBTs, MOSFETs, Power Diodes
 - Bipolar Transistors, Thyristors and Triacs
 - RS-485, RS-422 & RS-232, Dual Protocol
 - Signal Integrity Ics
- Memory
 - Asynchronous SRAM, LP SRAM
 - QDRII/DDRII/ QDRII+/DDRII+ SRAM
 - Low Latency DRAM
 - EEPROM, PROM
- Optoelectronics
 - Laser Diode Drivers (LDD)
 - Blue-Violet Laser
- Power Management
 - Digital Power
 - Hot Swap & Oring
 - Isolated SMPS
 - LED Drivers
 - MOSFET Drivers
 - Power Management ICs (PMICs)
 - Power Modules, LDO
 - Switching Controller & PWM Controllers
 - Buck, Boost and Buck-Boost Converters
 - Pulse Width Modulation
- Sensors
 - Ambient Light & Proximity
 - Space & Harsh Environment
 - /883, Harsh Environment
 - ♦ Switches, MUX & Crosspoint
 - High, Low, Medium Voltage Switches
 - USB Switches
 - ♦ Timing & Digital Logic ICs
 - Counter ICs
 - Digital Signal Processing (DSP)
 - Real Time Clocks (RTC)
 - Digital Logic ICs
- Interface
 - Bus Buffers
- Data Converters
 - High-Speed, Precision ADC, DAC
 - Digital Potentiometers
 - Voltage References



www.seco.com

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



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- 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



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 - Enhanced Carrier Connectivity to Optimize North American Deployments
 - Networking Solutions: Cellular Routers and Gateways
 - AirLink® Cellular Routers and Gateways
 - AirLink® Antennas
 - Embedded Solutions –
 - 5G, 4G, LPWA, 3G, 2G, Wi-Fi, Bluetooth & GNSS Wireless Modules
 - Fully Certified Wireless Solutions
 - 3G, 4G LTE Modems
 - Ready-to-Connect Devices
- www.sierrawireless.com •4G CAT-1 & CAT-4 Modules



www.sinbon.com

SINBON offers customized connector products to OEM / ODM with value additions of Design for Manufacturing, Connectors/Components, Cable Assembly, PCB Assembly,

Sub-unit/Box Build for in the fields of Medical Health, Automotive & Aviation, Green Energy, Industrial Application, Communication. We call them MAGIC.



www.skytraq.com.tw

- 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



www.hk-sound.com

- 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



www.syncbyte.in

- Fingerprint Embedded Module
- USB Fingerprint Reader
- Fingerprint Mobile Terminal
- Binocular IRIS Reader
- Face Recognition Device
- FP BIO USB Scanner

 www.sourcephotonics.com	<ul style="list-style-type: none"> • DATA CENTER TRANSCEIVER <ul style="list-style-type: none"> ◆ 400G Transceivers ◆ 100G QSFP28 ◆ 40G QSFP+, 25G AOC • FIXED BROADBAND <ul style="list-style-type: none"> ◆ 10G EPON, XGPON ◆ GPON ONU, XGSPON 	<ul style="list-style-type: none"> • OPTICAL TRANSMISSION <ul style="list-style-type: none"> ◆ 400G CFP8 ◆ 100G Transceiver ◆ SFP Transceivers ◆ XFP, CWDM SFP ◆ SGMII SFP ◆ Bi-directional SFP ◆ SFP+ 	<ul style="list-style-type: none"> • WIRELESS BROADBAND <ul style="list-style-type: none"> ◆ 25G SFP28 ◆ Bi-directional SFP, SFP, SFP+
 www.softlog.com	<ul style="list-style-type: none"> • Production Quality Programmers • ICP2(G3) <ul style="list-style-type: none"> ◆ ICSP™ Programmer 	<ul style="list-style-type: none"> • ICP2-GANG(G3) <ul style="list-style-type: none"> ◆ 4 channel ICSP™ GANG Programmer • ICP2-COMBO(G3) <ul style="list-style-type: none"> ◆ 12 channel ICSP™ GANG Programmer 	<ul style="list-style-type: none"> • ICP2-GANG(G3) <ul style="list-style-type: none"> ◆ 4 channel ICSP™ GANG Programmer • ICP2-COMBO(G3) <ul style="list-style-type: none"> ◆ 12 channel ICSP™ GANG Programmer
 www.taisaw.com	<ul style="list-style-type: none"> • RF SAW Filters • IF SAW Filters • SAW Resonators • SAW Duplexer 	<ul style="list-style-type: none"> • SAW Oscillators • VCXO (Voltage Controller SAW O/S) • Crystal Resonators • Crystal Filter 	<ul style="list-style-type: none"> • Crystal Oscillators • VCO (Voltage Controller O/S) • VCTCXO (Voltage Controlled Temp Compensated Crystal O/S) • OCXO (Oven Controlled Crystal Oscillators)
 www.topdiode.com	<ul style="list-style-type: none"> • Topdiode <ul style="list-style-type: none"> • Transistors • Schottky Diode • Rectifier Diode • Switching Diode • Zener Diode • Fast Recovery Diode • TVS Diode & Diacs • Bridge Rectifier 		<ul style="list-style-type: none"> • UF Capacitors <ul style="list-style-type: none"> • Tantalum Capacitor • Film Capacitor • Ceramic Capacitor • SMD Electrolytic Capacitor • Leaded Varistor
 www.varta-microbattery.com	<ul style="list-style-type: none"> • Lithium-ion Cells • Lithium Cells • Nickel-Metal Hydride Cells 	<ul style="list-style-type: none"> • Alkali-Manganese • Silver Oxide • Hydrogen Generator Cells 	<ul style="list-style-type: none"> • Standard lithium-ion battery packs • Customized lithium-ion battery packs
 www.wi2wi.com	<ul style="list-style-type: none"> • Wireless Connectivity <ul style="list-style-type: none"> ◆ Hosted Wireless Modules ◆ Multi Protocol (Combo) (Wi-Fi + BT/BLE) ◆ Hosted Wi-Fi ◆ Embedded (Embedded Wireless Modules) ◆ MCU Embedded (Wireless MCU Modules) • Location and Navigation <ul style="list-style-type: none"> ◆ GNSS, GPS 	<ul style="list-style-type: none"> • QPL Oscillators • TCXO, VCXO, TCVCXO, OCXO • Space Level ◆ Generic Crystals – QPL Crystals ◆ Crystals ◆ Crystal Filters ◆ RF & Microwave Filters 	<ul style="list-style-type: none"> • Timing & Frequency Control <ul style="list-style-type: none"> ◆ Clock Oscillators <ul style="list-style-type: none"> ▪ Generic Clock Oscillators ▪ Programmable Clock • Antenna & Connectors <ul style="list-style-type: none"> ◆ Rubber Duck Antennas ◆ PCB Antennas ◆ Connector Cables
 www.xsens.com	<ul style="list-style-type: none"> • MTi 1-series GNSS/INS, AHRS, VRU & IMU with GNSS receiver support on a 12.1 x 12.1 mm PCB. • MTi 600-series native CAN support & external GNSS receiver support (IMU, VRU, AHRS, and GNSS/INS). • MTi-680G RTK-GNSS/INS rugged module with internal RTK receiver, with cm-level accurate positioning, sub 0.5deg orientation, IP68 rated housing. • MTi 10-series gives integration levels (IMU, VRU or AHRS). • MTi 100-series gives INS's, AHRS's, VRU's & IMU's high-quality position, velocity, acceleration, and orientation. 		

ABOUT 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.



NEXCOMM-ASIA GROUP COMPANIES

 Component Distribution Estd: 2005 SINGAPORE	 Lighting Solutions Estd: 2007 SINGAPORE	 Component Distribution [INR] Estd: 2014 INDIA	 R&D Connected Platforms Estd: 2018 INDIA	 Component Distribution [INR] Estd: 1983 INDIA	 Defence ODM Estd: 2000 INDIA
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Enabling your electronic products and systems

Circuit Building Blocks

INPUT SECTION

Sensors
Temperature, Humidity
Accelerometer, Gyroscope
Magnetometer, IMU's
Hall Current Sensor
Microphone,
Ultrasonic Transducer
(Alps, mCube, xSens, Panasonic)

Sensors
Inductive, Light, Gas
TVOC, H2, PM2.5, PIR
Bio Sensor
Pressure Sensor, IR Array
(Renesas, IDT, Panasonic)

Amplifiers
Filters
Digi POT, ADC
(MCT, Renesas)

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

Passives

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

Power

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

Non Iso DC/DC
(Flex Microchip Renesas)

Battery
(Varta Panasonic Nichicon)

Processing Unit

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

Associative Processing Unit (APU)
(GSI)

FPGA
FPGA With ARM MCU
(Gowin)

Connectivity

Transceivers
RS232/485
CAN, LIN, Flex ray
I/O Link driver
Fiber Optic Modules
(MCT, 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
(MTK, MCT, AcSIP Sierra Wireless Feasycom, Celium Devices Gowin)

RF

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

Memory

eMMC
(Exascend)
Flash NOR
(Giga Devices, MCT)

SSD SATA3
PCIe 3 M.2
(Exascend)

MRAM
(Renesas, Avalanche Technology)

SRAM
(GSI Tech Renesas IDT)

SDRAM, DDR
DDR3/4
(Chiplus Bordison Exascend)

Others

MOSFET
BJT, IGBT
(Analog Power Panjit, Renesas)

Antenna
(Cirocomm Walsin Wi2Wi)

Connector Fakra, RF
High Speed Data, B2B
(Aimmet, Adamech, 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
(SkyTraQ, Sierra Wireless, Wi2Wi)

OUTPUT SECTION

TFT Display
(Formike, Oric Display)

Printer Modules
(Alps, Seiko)

Speakers, Buzzer
(Sound Components)

Motor Drive
Gate Drivers
(MCT, PTC, Renesas)

SFP, SFP+ Modules
(Source Photonics)

DAC, 0 - 5V
(MCT, Renesas)

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