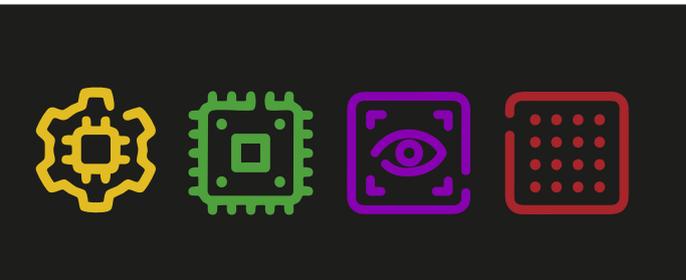
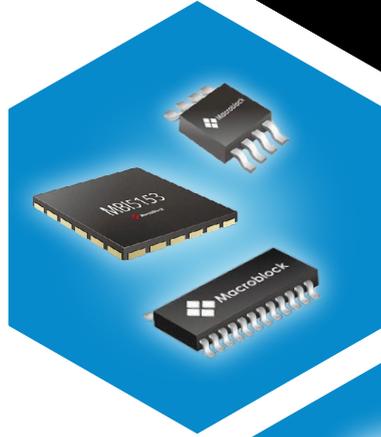


INTRODUCTION

Believe SRL





HIGH EFFICIENCY LEDS

- Top Led 3030
- White

HIGH EFFICIENCY UVC LED 3535

- typ.90mw @ 350mA @ 275 nm
- typ.50mw @ 350mA @ 275 nm
- typ.7mw @ 40mA @ 275 nm

UVC-LED

- Light module 350 mA 275 nm
- Water purification unit 275 nm



POWER LEDS

- Federal 3535, 5050 Monocolor/RGB
- COB Series
- DOB Series

PLCC LEDS

- PLCC2415/2835/3014/3030/3528/5050

OTHERS

- DLT, DLR, Photo Interrupter, Optical Encoder, VCSEL, DToF

HIGH LUMINOUS EFFICIENCY AUTOMOTIVE LED AEC-Q10X



BUILDING A BRIGHTER WORLD FOR THE FUTURE



HIGH EFFICIENCY LEDS

- RGB - Monocolor
- PLCC
- Through-hole LEDs oval/round/ piranha
- Light selections based on intensity

LED LIGHTING

- Lightfields: 200-12000lm (PLCC packages)
- Lightbars: 30-400lm

LED DISPLAY

- RGB LED matrix Pitch 2/5/10mm



HIGH EFFICIENCY LEDS

- White – Monocolor – RGB
- PLCC – Power – 3 /5mm Packages
- Light selections based on intensity

LED MODULES

- Lightfields: 200-12000lm
- Lightbars: 30-400lm

LAMPS

- High Bay Series
- Arena Pro Series
- Work Lamp Series
- Heavy duty lamps series



LED RGB

- GF SERIES (2727, 1921, 1415)
- SY SERIES (1921, 1415, 1212, 1010, 0606)
- XF SERIES (2727, 1921, 1415, 1212, 1010, 4in1)
- Mini and Micro led
- RGB LED with integrated Driver IC

- Sinyopto utilizes advanced packaging solutions such as RFN and Black Underfill to enhance contrast



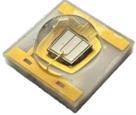
Driver for DISPLAY

- LED drivers with PWM, S-PWM, and D-PWM technologies
- Up to 19-bit grayscale performance
- Advanced energy-saving features
- LED drivers with integrated SRAM memory

Driver for LIGHTING

- RGB LED drivers
- All-Ways-On™ LED drivers
- DC/DC converters
- DC/DC, AC/DC controllers

Automotive Solutions Full-Array Local Dimming (FALD)



POWER LEDS

- UV SERIES
- UVB/UVC 3535
- IR SERIES
- SINGLE COLOR 3535 SERIES (Red, Blue, Green, White)
- RGBW 5050 SERIES
- Multicolors T Series
- Special Wavelengths
- Horticultural and Aquarium light
- Stage lighting



OLED

- OLED with touch Panel
- Narrow border
- FC-PMOLED (160dpi & 200dpi)

OLED FLEXIBLE OLED TRASPARENT OLED ROUND

OLED LIGHTING MINI LED DISPLAY MONOCHROME 0.42 TO 3.8 INCH WHITE, YELLOW, BLUE FULL COLOR 0.95 TO 1.91 INCH



GRAPHICS & ALPHANUMERIC DISPLAYS LCM MODULES

- Standard graphics and alphanumeric modules
- Modules with custom designs
- TFT color display, STN technology, FSTN
- IC (COB-COG-TAB-COF)
- Touch panel modules

LCD DISPLAYS

- Clock, calculator, tools and counters
- Consumer, communication, video and audio



J&M TOTAL SOLUTION FOR DISPLAY



LCD PANELS

- High brightness sunlight readable LCD
- Traspantent
- Bar type LCD
- Curved LCD
- LCD monitor with touch panel glass thickness 2-8mm
- Android or PC board solutions

PANEL KIT OPEN/ CLOSED FRAME

PROFLAT BAR AND SHELF TYPE MONITOR



RFID PLUG & PLAY READER MODULES TRANSPONDERS

- ISO Card
- World Tag
- Glass Tag
- Disc
- ID Band
- Label
- Keyfob
- PVC

ANTENNA UHF, 125KHZ, 13.56MHZ, NFC, BLE PC - CONNECTED READERS



32-BIT MCUs

- G1 (Cortex M0+, Basic)
- G2 (Cortex M0+, up to 48MHz)
- G3 (Cortex M0+, 48MHz, USB option)
- G5 (Cortex M3, up to 75MHz)
- M (32-bit High Performance)
- L1 (Cortex M0+, Low Power)
- L2 (Cortex M0+, Low Power)

8-BIT MCUs

- 8-bit G1 (Mainstream)
- Touch Solution
- Low Power Series (L Series)
- LCD Series (R Series)
- MC Series
- L1 (M8051, Low Power)

SanRex



POWER MODULE

- Diode (Soft/Fast Recovery, Schottky Barrier and Rectifier)
- 3-Phase (Diode, Diode+Thyristor)
- Thyristor(High current, AK, PK/PD, SCA/SCE, PWB Series)
- Mosfet SiC
- IGBT

DISCRETE

- Triac (Through Hole, SMD, Tab Terminal)
- Thyristor (Through Hole, SMD, Tab Terminal)
- FRD, Diode (Tab Terminal)

San'an

AUTOMOTIVE
GRADE



SiC DISCRETE

- SiC Schottky barrier diodes (SBD, Isolated TAB version)
- Mosfet SiC
- Through Hole (TO247, TO220, TO3P)
- SMD (TO263-7L, SAPKG-9L, TOLL)
- Top side cooling version
- Bottom side cooling version

MODULE

- SBD in SOT227 package

FOUNDRY

- SiC substrates
- SiC epitaxial wafer
- GaN foundry

ShinDengen

New power. Your power.

AUTOMOTIVE
GRADE



SEMICONDUCTORS

- General Rectifier Diodes
- Bridge rectifiers
- SBD, FRD and TVS diodes
- Power Mosfet
- SiC SBD and Mosfet
- Thyristors, Triac and PFC

POWER MODULE

- General Rectifier Diodes
- Thyristors, FRD and IGBT
- Converter Brake Module
- Inverter Module
- SiC module

GUERTE®



RECTIFIER SERIES

- Single-arm Rectifier Module
- Single-phase Rectifier Module
- 3-Phase Rectifier Module
- Full-wave thyristor diode module
- Press-type Rectifier Module

FAST RECOVERY SERIES

- Fast Recovery Module
- Schottky Module

THYRISTOR SERIES

- Single-arm full-controlled Module
- Single-arm half-controlled Module
- 3-Phase rectifier + Thyristor Module

NIPPONRIKQ

Designing Energy Drive



PRINTED WIRING BOARD

- Main circuit, drive circuit, power circuit and control circuit can be printed on one composite metal base
- NRA-ES NRA-8 NRA-E NRA-H6 NRA-H10 NRA-H10HV
- Contains both an aluminium layer and high thermal conductive dielectric layer
- NRA Alluminium base
- NRF Steel base
- NRC Copper base
- RoHS and UL compliant

MULTI DIMENSION

Sensing the Future

AUTOMOTIVE
GRADE



SENSOR ICs

- xMR Magnetic Switch Sensors
- xMR Angle sensors
- xMR Linear Magnetic Field Sensors
- xMR Geartooth Sensors/ Magnetic Scale Sensors

SENSOR MODULES

- TMR Magnetic Image Sensors
- TMR Current Sensors
- TMR Magnetic Rotary Encoders
- AGV Magnetic Guide Sensors
- TMR Low noise Linear Sensors
- USB Magnetometers

TAEJIN Technology
HTC Korea

AUTOMOTIVE
GRADE



VOLTAGE REFERENCE

- Precision shunt regulator

VOLTAGE REGULATOR

- Standard Linear
- LDO/VLDO/CMOS ULDO
- DDR Termination Regulator & OCP IC
- Step-down/ Step-up Switching

**CONVERTER & CONTROLLER
OPERATIONAL AMPLIFIER &
COMPARATORS
INTERFACE
CURRENT DRIVER LOGIC**

ONPOW



METAL/PLASTIC PUSH BUTTON SWITCH

- Metal touch switch
- Metal Buzzer
- Piezoelectric switch
- Emergency switch
- Digital code rotary switch
- Contactless switch
- Anti vandal switch

DIP SWITCH

- Slide/right-angle/piano/straight/ SMD types

ACCESSORIES

- Metal/plastic push button box

OBO Pro.2 INC.



PIEZO BUZZER & RECEIVER

- Ringer/receiver
- External drive type
- Drive circuit built-in/self drive

MAGNETIC TRANSDUCER

- SMD Magnetic Transducer
- Built-In Oscillating Circuit Type
- External Drive type

MYLAR SPEAKER

- Ø 10-57 mm
- Vibrant speaker

**PIEZOELECTRIC CERAMIC
ELEMENT CONDENSER
MICROPHONE**

**FLEX
ELECTRONICS**



FLEXIBLE FLAT CABLE (FFC CABLE)

- Simple ffc cable
- 0.5 - 0.54mm pitch LVDS FFC cable
- The impedance control FFC cable
- The FFC cable of clock spring

FLEXIBLE JUMPER CABLE

- Flexible jumper cable (polyester, nomex, kapton,teflon)
- Flexible jumper cable with terminal

SMD JUMPER CABLE

beLight



LED DISPLAYS

- SMD & DIP Packages
- Orange, Red, Green, Blue, White
- Low Current Versions (1mA)
- 7 segment LED display
- Alphanumeric LED display
- Bar graph LED display
- Character Height From 0.28" to 5"
- Single, Double, Triple, Quadruple digit
- Matrix Led Display
- Custom Displays

ELECTRON



CERMET TRIMMERS

- 3296 (Trimmer 25 turns)
- 3006 (Trimmer 22 turns)
- 3386 (Trimmer 1 turn)
- 3362 (Trimmer 1 turn)
- 3323 (Trimmer 1 turn)

WIREROUND POTENTIOMETERS

- 3590S (10 turns)
- W1609 (100 Ohms - 2 mohms)



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Believe S.r.l è un'azienda attiva nel settore della componentistica elettronica, specializzata in LED, soluzioni per la visualizzazione ed elettronica di potenza.

La sua offerta comprende prodotti di optoelettronica ad alto contenuto tecnologico, come **LED High Efficiency**, **Power LED** e **driver per LED**; soluzioni di visualizzazione che spaziano dai semplici display **LCD** a **OLED** ed **E-Paper**; fino a una vasta gamma di componenti per l'elettronica di potenza, che include dispositivi base come i diodi, fino ad arrivare a moduli avanzati in tecnologia **SiC** e **GaN**.

Grazie alla nostra esperienza, non ci limitiamo a fornire componenti standard: sviluppiamo anche **soluzioni custom**, create insieme al cliente per soddisfare al meglio ogni esigenza progettuale.

“La tua passione per l'elettronica, il nostro impegno nell'offrire innovazione e tecnologia”

