

Universal Microelectronics Co., Ltd



電磁製品



電源製品



I&C製品



LCM製品



光通信製品



- * RF トランス
 - * 遠距離通信トランス
 - * パワートランス
 - * インダクタ商品
 - * カスタム設計
- 電磁部品/ インダクタ



- * DC/DC コンバーター
- * AC オープンフレーム
- * パワーアダプター
- ホットスワップを対応する冗長電源



- DMS/ EMS
- * マリン & GPS 製品
 - * 自動車 24GHz短距離レーダー
 - * Wearable Devices
 - * BLE related Consumer Products



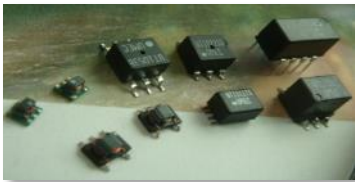
- * 3.5inch ~ 19inch
- * COG, FOG, POG
- * ラミネーション, OCR
- * Film on Sensor Glass
- * LCMアセンブリ



- * 超高速 AOC :
- HDMI, DVI, USB3.0, SFP+, QSFP+
- * 受動素子:
- CWDM/ DWDM
- Fused Biconical Taper

- トータル生産能力: 20KK個/月

RF Baluns/Transformers



SMD Transformer



Common Mode Choke



SMD Inductor



ISDN S/U-interface Transformers



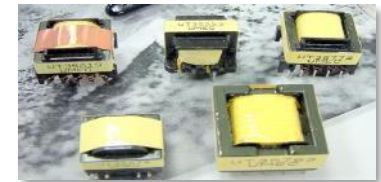
Data Coupling Transformers



Common Mode Choke for ADSL/VDSL



Transformer for Power Applications



XDSL Transformers/POTS Inductors



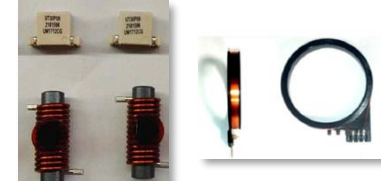
Transformer & Inductor by Ringing Core Design



Flat Wire Common Mode Choke



Transformer for Car Application



DC/DC Brick

Encapsulated 1/2, 1/4, 1/8 and 1/16 Brick series are available from 50W to 350W.



For Telecom / Datacom & Industrial Control System



AC / DC Adapter

Adapters are available with power range from 3W to 160W.



For Datacom System



DC/DC Cu Case

Industrial DC/DC Module series are available from 6W to 60W.



For Telecom / Datacom & Industrial Control System



AC / DC Open Frame

I.T.E Power Supply are available with power range from 5W to 880W.



For Color Laser Printer, Multifunction Printer



DC/DC Multilayer Converter

Hi Density DC/DC Board Mount Modules are available from 50W to 420W.



For Telecom / Datacom and Industrial Control System



Redundant(CRPS)

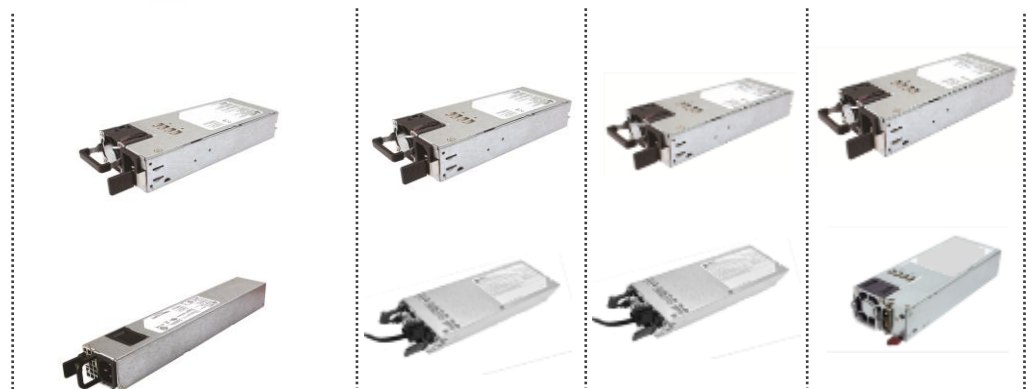
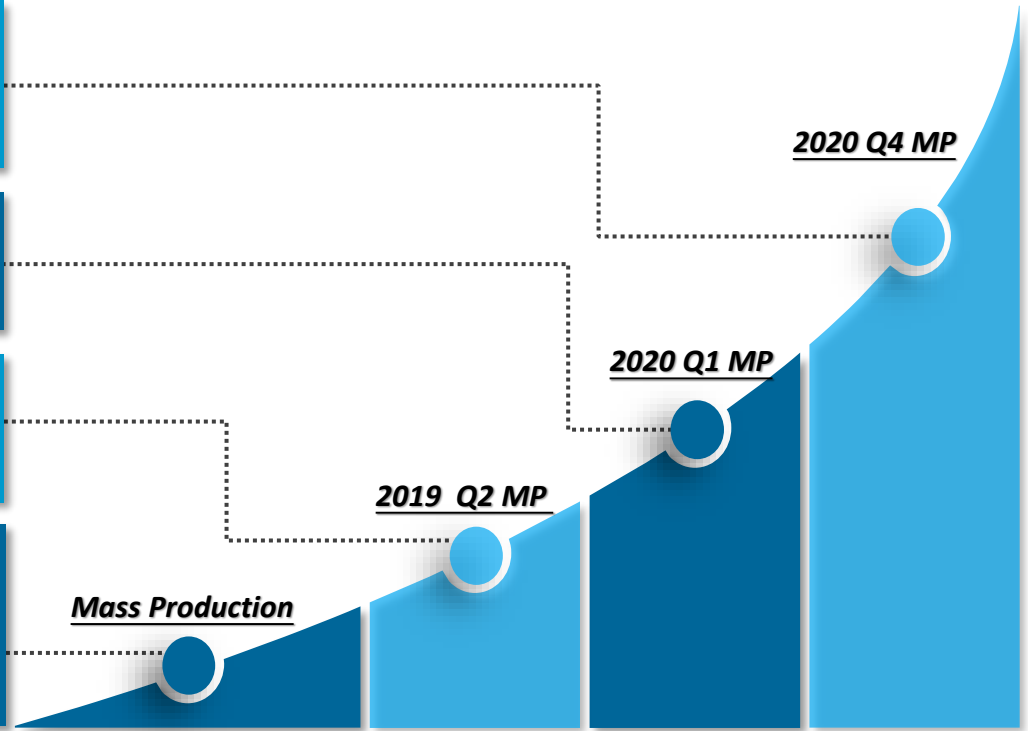
Redundant PoE Switch Application with range: from 250W to 2000W.



For Networking System

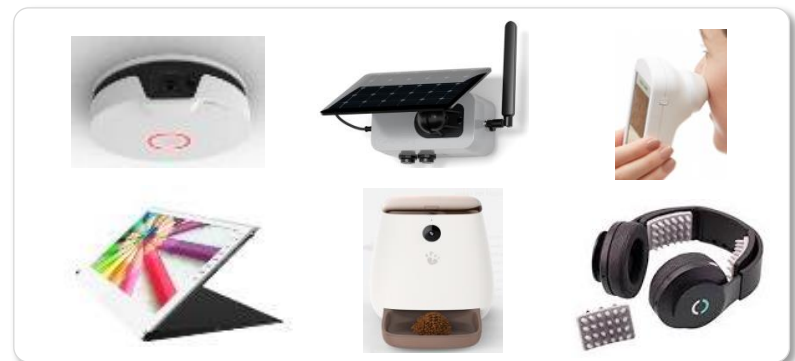


- AC(HVDC)-DC (CRPS) : 12V-2000W
- DC(LVDC)-DC (CRPS) : 12V-550W/880W/1200W
- AC(HVDC)-DC (SSI) : 12V -400W
- AC(HVDC)-DC(CRPS) PoE : (54V)-300W/2000W
- AC(HVDC)-DC(CRPS) : (12V)-550W/880W/1200W
- AC-DC(CRPS): 250W
- AC(HVDC)-DC (CRPS) POE: 54V-600W/ 1200W
- AC(HVDC)-DC (CRPS) PoE : (54V)-920W



DMS/ EMS

- マリンレーダー製品
 - Radar
 - Fish Finder, Transducer
 - Marine Chart Plotter
 - Trolling Motor Control System
 - Solid State Marine Radar
- 電話ラインテストデバイス
- 自動車製品
 - Automotive FMCW Radar
 - Car Multimedia System
 - Power Lift Gate module
- コンシューマ製品
 - Wearable & IOT Devices
 - Controlling Center Platform & System in ZigBee/ Wi-Fi/BT
 - 産業向け堅牢型タブレット製品
(アンドロイド ソリューション)





24GHz Radar

- Rear Cross Traffic Alert (RCTA)
- Lane Change Assistance (LCA)
- Blind Spot Detection (BSD)
- Door Open Warning (DOW)



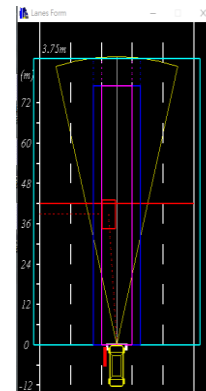
< Installation >



Waveform	Interleaved FMCW/CW
Horizontal Coverage	100°
Range Resolution	0.8m
Detection Distance	75m
Working Temperature	-40° to +85°C
Waterproof	IP67
Dimension (mm)	113.3 x 83.9 x 23.8
Certificate & Regulation	ISO 17387-2008, LCDAS, ISO-16750, FCC part 15.249, ISO -10605, NCC LP0002

77GHz Radar

- Front Cross Traffic Alert
- Forward Collision Warning
- Rear Collision Warning



Waveform	FMCW/ Sawtooth
Horizontal Coverage	160°
Range Resolution	1.58m
Detection Distance	180m
Working Temperature	-40° to +85°C
Waterproof	IP67
Dimension (mm)	87*67 *14

Polarize on Glass



Film On Board



Chip On Glass



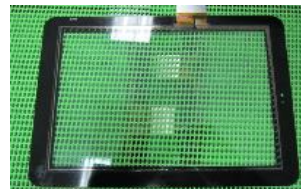
Film On Sensor Glass



FPC On Glass



Lamination(OCR)



Ultra High Speed AOC (SioB Technology) :
HDMI, DVI, USB3.0, SFP+, QSFP+

- Current Capacity: 5,000pcs/month

Target Application:

- Medical Imaging Equipment
- Airplane On-board Video System
- TV Broadcast Station
- Conference Room Video System
- Traffic control
- Factory Automation Systems
- Digital Home Theatre
- LED signboards and panel information displays for Airports, Stadiums and Outdoor Advertising, Auditorium, and Kiosk.



USB3.0 AOC
(5Gbps)



HDMI Transceiver



SFP+ Transceiver
(10Gbps)

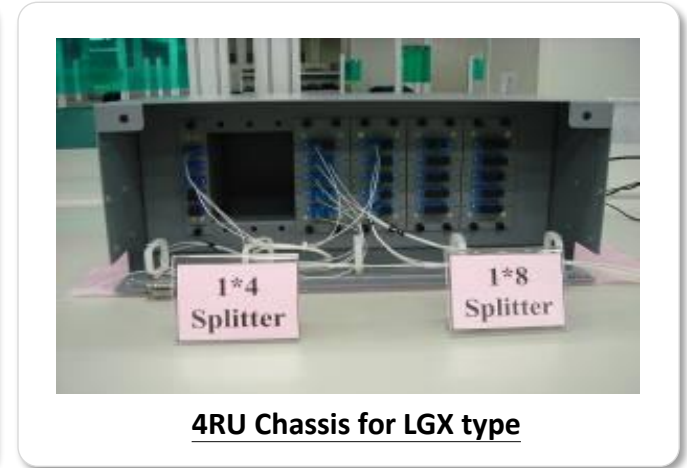


QSFP+ Transceiver
(40Gbps)

モジュール・部品素子

● Fused Biconical Taper(FBT)

- 1x2 Single Mode Fiber Couplers
- 1x2 Multimode Fiber Couplers
- 1x3/1x4 Single Fused Coupler
- 1310/1550, 980/1550,1480/1550 WDMs
- Compact Size Products



● CWDM/DWDM

- 4 -10 Channels CWDM
- 100/200 GHz DWDM
- 980/1310/1480/1550 WDM
- 1310/1490/1550nm Filter WDM
- Hi isolation FWDM
- Compact-size CWDM (6.8mm)



- 創立：
 - » 1984年1月
- 社員数：
 - » 台湾 — 650名
 - » 中国大陸 — 4000名
 - » ベトナム — 1000名
- 資本金：
 - » US\$43,209,000
- 株式上場：
 - » 1998年10月
- 年間売上高：
 - » US\$127,745,746. (2018)
- 工場面積：
 - » 32,100 m² ---- 台中本社 及び 台中工場
 - » 72,200 m² ---- 深セン工場 (中国・広東)
 - » 10,000 m² ---- ロンエン工場(中国・福建)
 - » 7,200 m² ---- 梅州工場 (中国・広東)
 - » 13,000 m² ---- ベトナム工場 (ハノイ)



本社
台湾・台中



台中工場



深セン工場



梅州工場



ハノイ工場



ロンエン工場

● 認証:

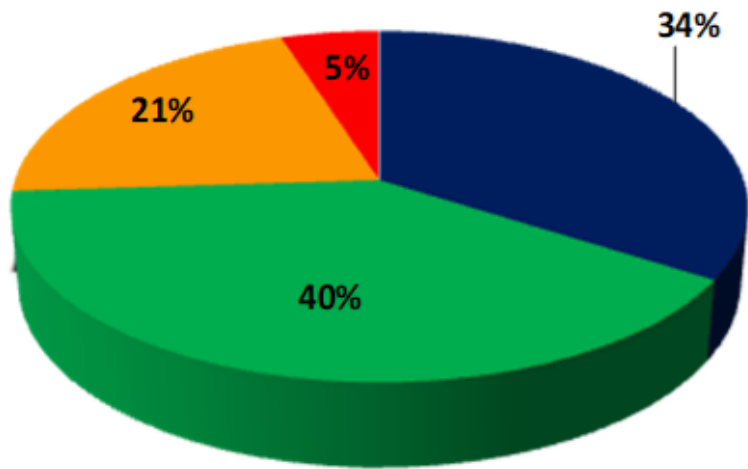
- » 台湾本社
 - ISO 9001/ TL9000(工場品質認証)
 - ISO 14001(工場環境)
 - UL / TUV(米国・欧州向けの認証)
 - OHSAS 18001(社会責任)
 - IATF 16949(車載電子製品)
 - ISO 13485(医療製品)
 - SONY GP(環境有害物質GP)
 - MFi Manufacturing (Apple関連)

- » 中国工場
 - ISO 9001 (工場品質認証)
 - ISO 14001(工場環境)
 - UL / TUV (米国・欧州向けの認証)
 - IATF 16949(車載電子製品)
 - QC080000C (有害物質管理)
 - OHSAS 18001(社会責任)
 - SONY SPP (製品安全認証)
 - MFi Manufacturing (Apple関連)

- » ベトナム工場
 - ISO 9001(工場品質認証)
 - UL / TUV(米国・欧州向けの認証)
 - ISO 14001 (工場環境)
 - MFi Manufacturing (Apple関連)
 - OHSAS 18001(社会責任)

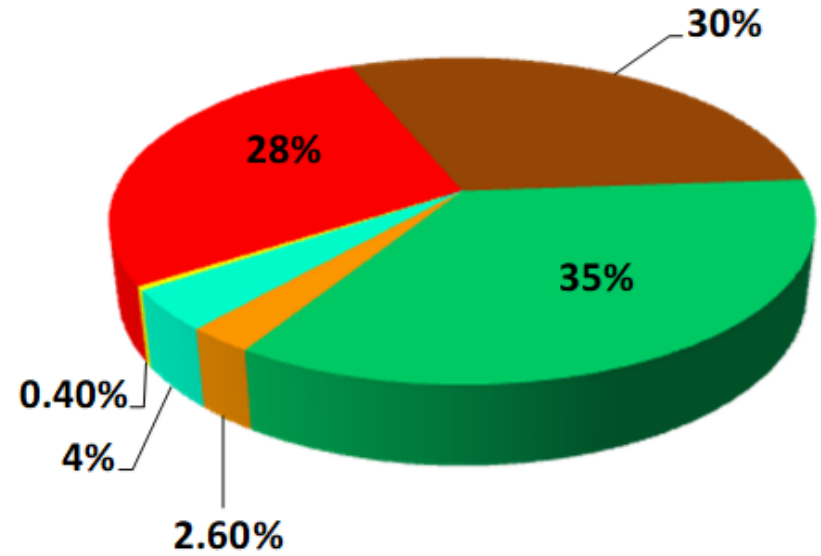


● 地域別



■ Asia ■ USA ■ Taiwan ■ EU

● 製品別



■ Magnetics ■ Power Supply ■ ICP
 ■ Optical ■ LCM ■ Others

Magnetic Component

Power Supply

Information & Communication

LCM Product

Optical Communication



SAGEMCOM

BROCADE 

OSRAM

TESLA 

flex

OMRON

tyco / Electronics

Nidec

Honeywell

FOXCONN
Advancing Through Innovation

KODEN

JOHNSON
OUTDOORS
THE SPIRIT OF ADVENTURE

FLUKE



CISCO
Meraki

RUCKUS™
an ARRIS company

KONICA MINOLTA

RICOH
imagine. change.

JANOME

PEGATRON

Accton

arcadyan

WNC
Wistron NeWeb Corp.

MitraStar