

Alcom sterk in LCD/TFT oplossingen

Tesamen met de door ons vertegenwoordigde fabrikanten is Alcom de juiste keuze voor uw TFT applicaties.

Ons uitgebreid aanbod omvat:

- **TFT panels**
- **Controller borden**
- **Touch panels**
- **Hogere helderheid/intensiteit**

Onze oplossingen vind je terug in een breed gamma van onder andere industriële applicaties, communicatie, beveiliging alsook in de medische wereld.

Neem contact op en we bespreken graag bij u uw toepassing.

Alcom, très performante en solutions LCD/TFT

En collaboration avec les fabricants que nous représentons, Alcom constitue le choix idéal pour vos applications TFT.

Notre vaste gamme comprend:

- **Ecran TFT**
- **Carte processeur**
- **Dalles tactiles**
- **Haute luminosité**

Nos solutions sont appliquées dans une vaste gamme d'applications industrielles, dans le domaine de la communication et de la protection, ainsi que dans le monde médical. Prenez contact avec nous et nous nous ferons un plaisir d'aborder vos applications spécifiques avec vous.

"FRIWO POWER SOLUTIONS"



Alcom is the new FRIWO agent in Belux

The FRIWO brand stands worldwide for high-quality power-supply and charging equipment. Our company develops, produces and markets power-supply and charging devices that are designed to meet the very wide range of technical and country-specific requirements.

Alcom your total solution TFT provider

Alcom offers an extensive portfolio of TFT panels and total solutions. We have a solution for every application whether you need a single TFT panel, a solution with driver board, an open frame module or a panel PC. Based on a well selected number of leading edge suppliers such as AU Optronics (AUO), Data Image and accessory product lines we can cover every application.



Solution Business

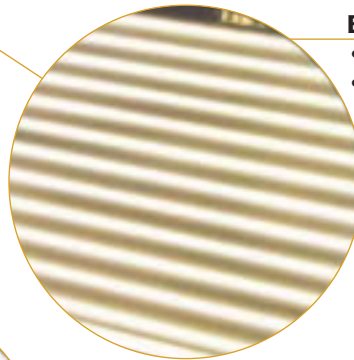
- Panel PC
- Embedded computing

Alcom Display – Total Display Solution Provider



Component Business

- Module
- Inverter
- AD Board
- Smart Board



Backlight Design Business

- Passive Enhancement (AOT)
- Active Enhancement (ABT) (CCFL/LED)



Finish Goods Business

- Monitor Line
- Touch screen
- Open Frame Line

TFT Panels from Taiwan's largest manufacturer: AUOptronics (AUO)

Alcom is proud to be the only AUO Authorized disti with focus on the Benelux. AU Optronics provides total solutions to the Industrial Display market and is a market leader in areas such as POS, Kiosk, ATM, Medical, Gaming and Machinery.

AUO offers:

- Minimum 3 years product life support
- Product continuity with ME/EE compatibility: PSWG for 15"/17"/19"
- Higher brightness
- Higher contrast / wide viewing angle
- Longer lamp life (50.000hr) and MTBF



AUO 060102

AUO product matrix

Model	Size	Resolution	Viewing angle	Brightness	Interfacing	Specific
G065VN01	6,5"	VGA	130H/110V	400 nit		Contrast 400:1
G084SN02	8,4"	SVGA	130H/110V	200 nit	1 ch LVDS	Contrast 350:1, 3,3 watt
G084SN03	8,4"	SVGA	130H/110V	220 nit	1 ch LVDS	Contrast 350:1, 3 watt
G084SN05	8,4"	SVGA	130H/110V	450 nit	LVDS, TTL and analog	Backlight lifetime 50K hours
B104SN02	10,4"	SVGA	120H/100V	400 nit	1 ch LVDS	Contrast 500:1, backlight lifetime 50K hours
G104SN03	10,4"	SVGA	120H/100V	230 nit	1 ch LVDS	3,3 watt
G104SN05	10,4"	SVGA	120H/100V	1500 nit	1 ch LVDS	Contrast 500:1
G121SN01 V1	12,1"	SVGA	130H/110V	200 nit	1 ch LVDS	Contrast 500:1, reverse scan
G121SN01 V0	12,1"	SVGA	130H/110V	400 nit	1 ch LVDS	Contrast 500:1, reverse scan
G150XG01	15"	XGA	130H/110V	350 nit	1 ch LVDS	PSWG, backlight lifetime 50K hours
G150XG02	15"	XGA	130H/110V	550 nit	1 ch LVDS	PSWG, 16,2 mio colors
M170EG01	17"	SXGA	140H/V	300 nit	2 ch LVDS	PSWG, contrast 500:1, 12 ms response time
M170XW01	17" wide	WXGA	170H/V	450 nit	1 ch LVDS	Premium MVA, contrast 800:1, 16,2 mio colors
M190EG01	19"	SXGA	170H/V	300 nit	2 ch LVDS	Premium MVA, PSWG, contrast 1000:1, 16,7 mio colors
M201UN02 V6	20,1"	UXGA	178 H/V	300 nit	2 ch LVDS	AMVA technology, 8ms GTG, color saturation 72%
M201EW01 V4	20,1" wide	WSXGA	178 H/V	300 nit	2 ch LVDS	AMVA technology, 8ms GTG, color saturation 72%

- Touchpanels available upon request
- For other AUO panels, please contact Alcom fur further information
- **ASK for your personal DEMO**

AUO 060103

Replace your standard LCD's by TFT now!

Looking to replace your monochrome panel by an affordable color TFT that remains available for a longer period in time? Data Image offers a wide range of medium sized TFT panels, starting from 3,5" up to 10,4". All panels have an 18bit TTL interface for easy integration. A touchpanel is optional.



DATA IMAGE 060104

Model	Size	Resolution	Viewing angle	Brightness	Interfacing	Specific
FG020400DNSWAGL-01	2,4"	480*234	100H/90V	250 nit	18bit TTL	with LED B/L
FG030530DNSWBG-01	3,5"	320*234	90H /100V	250 nit	18bit TTL	with LED B/L, operating temp -20 to 70°C
FG050020DNCWBG-01	5"	320*234	120H/100V	350 nit	18bit TTL	
FG050605DNCWAG01	5,6"	320*234	100H/60V	500 nit	18bit TTL	available with/without mounting holes
FG070030DNCWAG-01	7"	800*480	140H/100V	220 nit	18bit TTL	
FG08001DNCWAG01	8"	640*480	130H/120V	400 nit	18bit TTL	
FG1004DNCWBG-01	10,4"	640*480	170H/V	380 nit	18bit TTL	

- Touchpanels available upon request
- **ASK for your personal DEMO**

DATA IMAGE 060105

Kent Displays announces new 1/8 VGA and QVGA ChLCD with embedded controller and SPI

Kent Displays announced its new 1/8 VGA and QVGA "No Power" ChLCD with onboard controller and Serial Peripheral Interface (SPI). The innovative combination of a "No Power" ChLCD with superior optical performance and SPI will enable integrators to rapidly deploy new products with the Kent's energy saving ChLCD.

The single board display solution features an embedded controller that generates the unique ChLCD drive waveforms, provides automatic temperature compensation while using a minimal number of host I/O resources. The interface is used to control all display operations from the downloading of images to the triggering of display updates. Options include front light, heater and custom colors.

Development Kit consisting of the 1/8 VGA "No Power" ChLCD with SPI, TI MSP430-F1611 controller with 512K of SPI flash, battery holder, batteries, DC power adapter, serial cable, JTAG tool, sample software and TI's limited version of "Code Composer Essentials" is available.

ChLCD stands for:

- No Power
- Sunlight readable
- Superior optical performance



KENT 060106



KENT 060107

Bright and brilliant Nova-1 Watt series LED

Features:

- Super high brightness surface mount LED
- High flux output
- Compact package outline (LxW) of 6.0 x 6.0mm
- Ultra low high profile - 1.5mm
- Design for high current drive
- Low thermal resistance; Rth (js) = 20 K/W
- Qualified according to JEDEC moisture sensitivity Level 2
- Compatible to both IR reflow soldering and TTV soldering
- The products are lead free, RoHS compliant
- With and without lens of LED's are available for this product category

Applications:

- **Automotive:**
Exterior lighting – Center High Mounted Stop Light (CHMSL), signal lighting, fog-lamp, Rear Combination Lights (RCLs)
- **Communication:**
Key-pad illumination
Camera phone flash LED
- **Industry:**
White goods (eg: Oven, Microwave, Refrigerators, etc.)
Control Panels
Traffic Signalling
- **Lighting:**
Garden light, architecture lighting, general lighting



Powerful White LED from Dominant

With the intense colors that seem to grow with energy and its significant brightness, DOMINANT white LED is a highly reliable device. With its extremely high luminance and exceptional durability thus will deliver superior performance in many different illumination applications and lead to the growth of LED market.

These new products are based on state-of-the-art material technology using non-YAG (yttrium aluminum garnet) phosphor. In these new DOMINANT white LED, non-YAG phosphor is encapsulated with superior epoxy, which do not infringe any of the patent in the world. Due to its dynamic nature-durability, long life and low power consumption makes DOMINANT white LED perfect choice for **general lighting, backlights in mobile phone display, mobile flash LED and car instrument panels.**



PLED module 2x16, viewing angle close to 180°

Organic (OLED/PLED) modules are self emitting displays with fascinating contrast and near 180° viewing angle. The first standard ELECTRONIC ASSEMBLY offers, are the **EA 8162-XLG** and the **EA 8202-XLG** from 1 pc. off. Commands and character set are compatible to market standard HD 44780. Interface is 4- or 8-bit bus. Pin 3 (VBT) requires positive voltage for brightness control. Pins 15 and 16 left free.

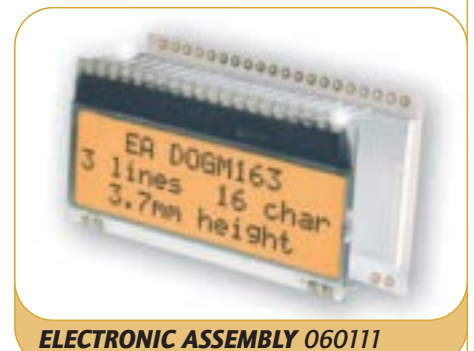


Real 3,3V displays DOG Series

This new display series was specially developed for low-power hand-held applications. For the first time it is possible to operate a standard display at 3.3V! 5V operation is naturally also possible. The optionally available LED backlighting can also be run with 3.3V or 5V depending on the connections.

Technical data:

- High-contrast LCD supertwist display
- Optional LED backlight units in different colors
- 1x8, 2x16 and 3x16 with 12.0 mm/5.6 mm and 3.6 mm character height
- ST7036 controller for 4-bit, 8-bit and SPI (4-wire) interface
- Power supply +3.3V or +5V single supply (typically 250 μ A)
- No additional voltages required
- Operating temperature range -20°C through +70°C
- LED backlight 3 through 80mA @ 3.3V or 2 through 40mA @ 5V
- No mounting required, simply solder into PCB



RF and Wireless Products

Pulse's broad range of RF and wireless products give you design flexibility without compromising performance and reliability. We understand what it takes to engineer, manufacture and deliver the innovative parts needed for today's high-frequency network and communication devices. Browse below for detailed information on our RF and Wireless product categories or contact us if you'd like help with a custom solution.

RF, HFC, Set-Top Boxes, Cable Modems and Multimedia over Coax

- Low Pass Filters
- SMART™ Diplexers
- Directional Couplers
- RF Splitter/Combiners
- Transformers/Baluns
- MoCA Diplexers



PULSE 060112

Home Networking

- Phoneline (HPN)
- Powerline (HomePlug)
- IEEE 1394



PULSE 060114

RF Chip Inductors

- Ultra Small/Ultra Low Profile
- Industry Standard Performance
- Ferrite Core
- High Q Series



PULSE 060113

ChipChoke™ Common Mode Chokes

- 0805 Epoxy Coating Series
- 0805 Magnetic Shield Series
- 1206 Magnetic Shield Series



PULSE 060115

Wireless communications portfolio from LK products

GPS antenna's

LK Products offers an innovative line of GPS Chip Antennas based on ceramic technology. The products combine compact size, full SMD compatibility and omnidirectional radiation. A variety of sizes as well as Ground Clearance and On Ground versions of the products are available to meet electrical requirements in multiple applications.



PULSE 060116

Bluetooth/WLAN antenna's

The products combine compact size, full SMD compatibility and omnidirectional radiation. A variety of sizes as well as Ground Clearance and On Ground versions of the products are available to meet electrical requirements in multiple applications.



PULSE 060117

Mini Bluetooth antenna's

LK Products offers an innovative Mini Bluetooth Antenna based on ceramic technology. The product combines compact size, full SMD compatibility and omnidirectional radiation.



PULSE 060118

Combo 2,4 GHz/5 GHz WLAN antenna's

The 5 GHz product family combines compact antenna size and full SMD compatibility. The products will be offered as ground clearance versions. A combo 2.4 GHz / 5 GHz version having both low and high WLAN bands combined to one feedpoint is also to be released. This solution simplifies the overall design of the handset WLAN front end and offers an optimized antenna to both single and dualband WLAN radios.



PULSE 060119

Micro-Coax-Connector

W+P PRODUCTS offers MCX-Connectors for Applications up to 6 GHz

The coaxial connector series MCX from W+P PRODUCTS guarantees miniaturization and in the same time complete shielding of the contacts. Due to the optimized design of the outer conductor and the locking devices the required mounting space of the MCX-connectors is minimized.

The MCX-connectors are specified for a cut-off frequency of 6 GHz and are mainly used in mobile telephone systems and fixed network telecommunication. Thanks to their compact size these connectors are ideal for measuring instruments and high end communication equipment.

PLCC-Sockets brandnew in leadfree

We are one of the first manufacturers providing RoHS compliant PLCC-Sockets

The PLCC sockets commonly used W+P PRODUCTS produces RoHS-compliant PLCC-Sockets in accordance with the requirements of the IPC/JEDEC J-STD-020C-standard for leadfree reflow soldering processes. The insulator material consists of high temperature resisting PPS designed for soldering at 260°C for 20-35 sec. The PLCC-Sockets commonly used on the electronic-market are not suitable for the high temperatures of the RoHS soldering processes. W+P PRODUCTS is one of the first manufacturers which developed an alternative resisting to the high temperatures during the leadfree reflow soldering process.

Mini Board-to-Board-Connector

0,4 mm pitch for compact component design

Tight stacking of circuit boards allows the mini-board-to-board-connector series 5104 of W+P PRODUCTS. With a 0,4 mm pitch and a stacking height of 1,5 mm, compact and efficient solutions of the component and pcb design can be realized. The mini-board-to-board-connector is available as RoHS-compliant version with 22, 26, 30 and 40 contacts in tape & reel packaging.

Fast SMT-Mounting without Pick- & Place-Pad

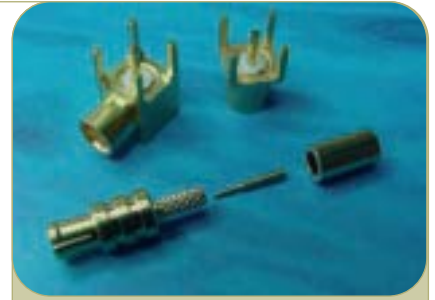
W+P PRODUCTS offers SMT pin and female headers with a 3,5 mm insulator and a 1,27 mm pitch

The new series of pin and female headers of W+P PRODUCTS allow a SMT-loading without pick & place pads. Equipped with an insulator of 3,5 mm width, the header series 7064 and 6065 may be aspirated and processed directly, a manual removal of the pads is not necessary any longer. The resulting advantages are the increasing of processing security and processing velocity.

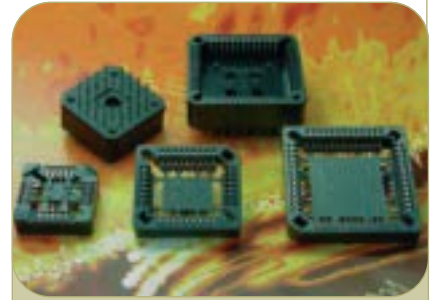
RoHS-compliant IC-Sockets

Short-term available

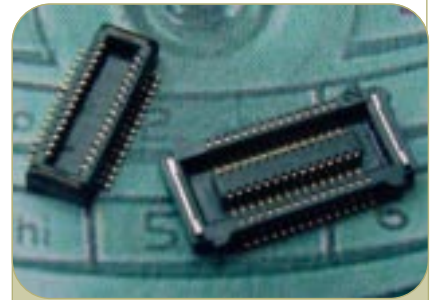
W+P PRODUCTS offers IC-Sockets in RoHS-compliant quality. The sockets are short-term available with delivery times of only 2-6 weeks - depending on the version. As from autumn 2005 the standard series will be delivered directly from stock. The spectrum of RoHS-compliant IC-Sockets comprises ultraflat versions with a height of 2,4 mm and versions with a height of 4,2 to 15 mm. As SMT-versions there are IC-sockets with moveable mounted screw machined contacts and gull wing types available.



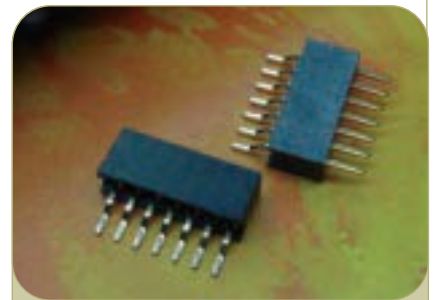
W+P 060120



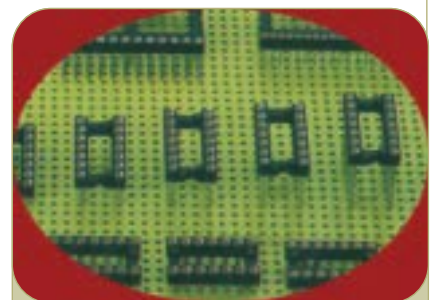
W+P 060121



W+P 060122



W+P 060123



W+P 060124

90° D-Subminiature filter connectors available as surface mount devices

D-Subminiature Filter Connectors are now available from Deltron as surface mount devices. Their outstanding feature is the quality of the filter. The angled connectors are available in the standard number of positions from 09 to 37 pins. Ceramic chip capacitors are integrated in the Filter value, selectable between 330pF and 6800pF. The insulator, a monoblock of thermoplastic, a self extinguishing and adapting material, conforms to UL 94 V-0 standard. The contacts are fine-turned and available in different quality classes. A high rate of mating cycles and requirements according to MIL standards for the contact, is easily achieved.



DELTRON 060125

Automotive USB 2.0 by Honda

Honda Connectors is pleased to announce the launch of its new solution for Automotive USB 2.0. Designed originally for the Japanese automotive Market, this new USB connector is now available on the European Market. This new USB2.0 respects all Automotive specification and allows the USB data transmission up to 480Mbits inside the car.

Typical applications:

- Car OEM's
- Car CAM's
- GPS manufacturers
- Car2Car equipment manufacturers
- Bus/train equipment for video carriage

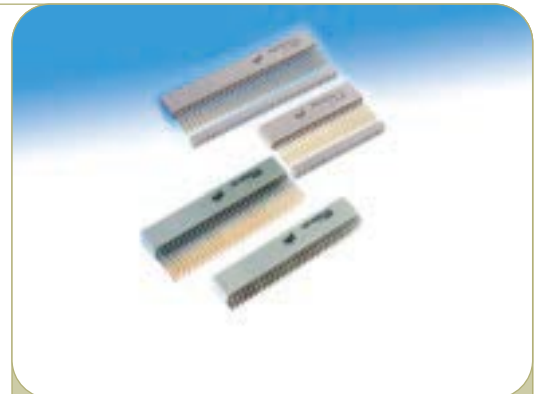


HONDA 060126

EPT full connector range is now leadfree!

The product range of leadfree connectors includes:

- DIN41612/IEC 60603-2 in solder and IEC 60352-5 in Press-fit
- 2mm hardmetric, hm2.0, according to IEC 60352-5 in Press-fit
- 2.5mm metric according IEC 61076-4-101 in Press-fit and soldering technology
- VME64x in Press-fit technology
- Male & female "VarPol" 2,0 & 2,54 mm in Press-fit technology
- Automotive connectors



EPT 060128



EPT 060127



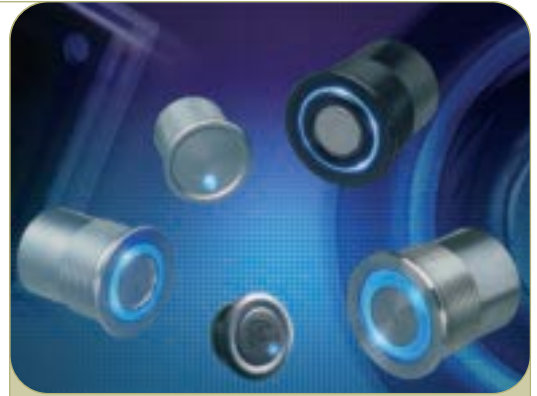
EPT 060129

Metal switch with blue illumination

Schurter announces the vandalproofed switches with stroke or piezo switches are also available with blue illumination. The actuating area for equipment designed for night use, is optically identified.

The illumination can be used as well for optic feedback or to indicate the switch position (on/off).

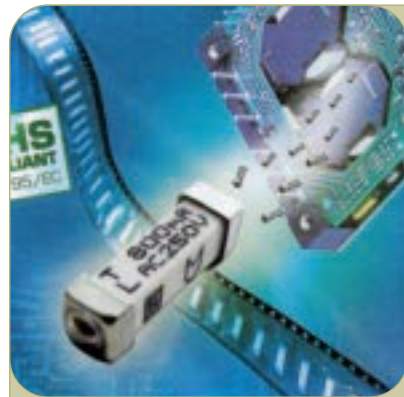
According to the base module the switches perform with a lifetime of 20 Mio. Actuations and a IP67 protection.



SCHURTER 060130

UMT250, New SMD fuse for 250 VAC primary protection

- IEC time-lag characteristic
- Breaking capacity across the entire range 200 A/250 VAC
- Suitable for 250 VAC primary protection and DC circuit applications
- Approvals and  and 
- RoHS compliant



SCHURTER 060131

Superior EMC solutions

- Standard and custom EMC line filter for 1- to 3-phase systems
- Various chokes for AC- and DC-applications
- Pulse transformers for galvanic separated signal transfer
- Power stage modules for galvanic isolated control of IGBT-Drives



SCHURTER 060132

Schurter circuit breakers for equipment protect both man and machine

Schurter circuit breakers for equipment **safeguard the machine and protect people** from hazardous situations. What's more, they're highly versatile. Whether triggered by an overcurrent or undervoltage, with positive trip-free action or restart protection, they react just the way you need them to.



SCHURTER 060133

13U AdvancedTCA system complies with ETSI standard

At the heart of the 13U system is a newly-developed 16-slot full mesh monolithic-construction backplane. Both, the power entry modules (PEM) and the two shelf management controllers provided, are pluggable. The high-grade backplane material has an eR of 3.8. This, combined with optimal design of the backplane routing, enabled the low board thickness of only 3.2 mm to be achieved, so minimising the stub effect and ensuring optimal signal integrity. With the new 16-slot variant, ELMA has expanded its backplane program for a ATCA, which now includes 2, 4, 5, 14 and 16-slot backplanes and covers dual-star, full mesh and replicated mesh. Mesh (for backplanes with less than 8 slots) topologies. The designs of all the backplanes described here have been optimised for the highest signal integrity – this has been verified and confirmed in extensive tests. They comply with the PICMG 3.0 specifications. Of course, additional customised solutions are also available.



ELMA 060134

Restriction of 8 slots with cPCI can be overcome

The system-related slot restriction to 8 slots with cPCI can be overcome by means of active bridges. However, the disadvantage of conventional designs is that up to 4 rear I/O slots can be lost. Not so with the new bridge from ELMA. The extremely flat construction allows all rear I/O slots to be utilised. So the low-profile bridge is the optimal solution when there is a shortage of slots.

Now, with a bridge module, systems can be configured with up to 14 slots and even 21 slots, with 2 bridge modules. Bus operation at 33 MHz and 66 MHz is supported here, with the bridge automatically detecting the bus clock frequency. The modularity of the ELMA cPCI family and the new bridge technology system allow systems to be configured with from 2 to 21 slots.



ELMA 060135

G-Box custom small case service reduces cost of lower volume embedded applications

Elma Electronics announced a new custom design and manufacture service for small cases, intended to reduce the cost of small volumes, while offering the flexibility of cut-outs, material, colour, mounting and size. Custom connector, interface, fan, cooling and even display cut-outs can now be cost-effective for quantities as low as 20 pieces thanks to comprehensive in-house punch and laser cutting facilities. The G-box service is aimed at developing prototypes or small runs, especially where there is no in-house metal manufacturing capacity. G-boxes can be supplied in any size, and in any RAL colour, to suit individual project requirements.



ELMA 060136

Elma launches new switch family for space-saving user controls

Elma Electronic announces the launch of a new, 25% smaller panel switch family. The B08 family is designed to provide 6-Sigma reliability and high torque options for controls in premium applications such as hand-held instrumentation, medical equipment and two-way radios. The new family builds on the proven Type 07 series of switches, coded switches and encoders, and will provide a broad range of standard and custom switch formats. The first products will be the C08 switch, which is the world's smallest SMT coded panel switch with metal shaft. The C08 combines positive tactile feel, with a space-saving 9mm body size, and a range of code and mounting options.



ELMA 060137

Power supplies and chargers since more than 30 years

- ww-leader in chargers for Mobile Telephony
- Friwo is the key supplier into IT& Communication, portable equipment, industrial applications, medical equipment and many others
- Modern development centres, production in Europe and Far-East – Friwo is present worldwide in all key markets.

Innovation for medical equipment

- General data:
 - Without earthing, leakage current $\leq 10 \mu\text{A}$
 - Fulfills Class II (SELV) for IEC 60601-1 and medical applications class B/BF/CF
 - Green LED indication power-on
- PP 8 Medical:
 - Wide range input, 8 Watt output power
 - Low standby power $\leq 0,3$ Watt
- MPP 15 Medical:
 - Wide range input, 15 Watt output power
 - Low standby power ≤ 0.5 Watt
- MPP 30 Medical:
 - Wide range input, 30 Watt output power
 - Low standby power $\leq 0,5$ Watt

Power supplies and chargers

- Standard and custom specific solutions
- Open frame or encapsulated versions
- Switch mode, power supplies
 - Light weight, compact and handy
- Desktop power supplies
 - High performance, compact solutions
 - Input 100-240 VAC
 - EMC conform
 - Low leakage current
 - Constant voltage, current limited
- Open frame
 - For all your integration requirements
 - Single & multiple outputs

Power unlimited



FRIWO 060138

Power unlimited



FRIWO 060139

Power unlimited

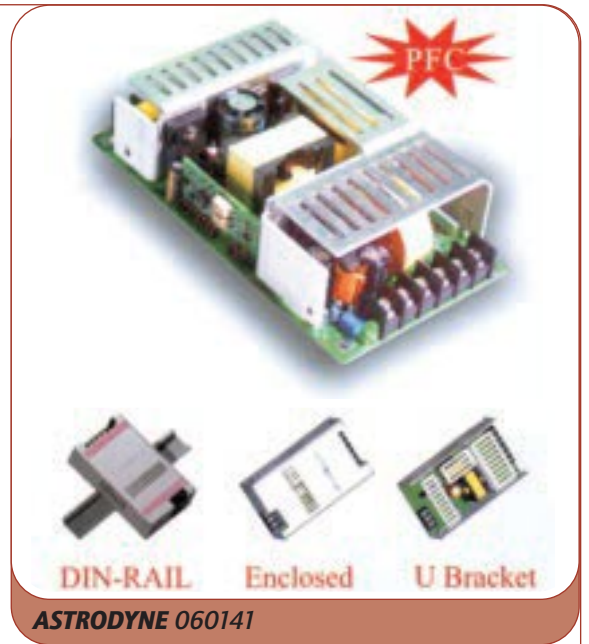


FRIWO 060140

Power supplies approved for medical use

PMMK-series 150W open-frame switching power supply

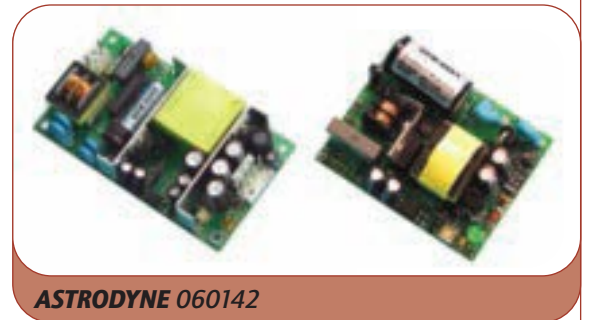
- Single or dual output
- Input: 90VAC to 264VAC
- Input-to-output isolation: 4.000VAC
- Active power factor correction (PFC)
- EN60601-1, EN60950, UL2601-1 and UL1950 approvals
- Remote sensor



Ultraminiature open-frame AC/DC switching supplies

Designed to meet the space and performance needs in instrumentation, control, telecommunication systems, Astrodyne Pacific announces the OFM Series line of ultraminiature open frame modular switching power supplies that provide output power over the range of 5 Watts, 10 Watts, 15 Watts & 22 Watts.

- Universal Input of 85-265VAC
- Full Safety Approvals
- Ultraminiature Open Frame Construction
- High Density Power Output
- Single Outputs from 5VDC to 24VDC
- Industry Standard Sizes



Upgraded AC-DC DIN RAIL mountable power supplies

Chinfa is the leading Taiwanese manufacturer of DIN-Rail mountable power supplies starting from 5 Watt.

With a view to cater more requirements from our precious customers, our **DRA30** and **DRA60** series of AC-DC Din Rail Mountable Power Supplies have been upgraded from the Hiccup Mode to the Current Fold Forward. The new version is with the part number DRAN30 and DRAN60, we have completed the safety approval of UL/cUL, CE, TUV for these products. These power supplies have an universal input range 85-264 VAC, offers efficiency up to 89%, are short circuit protected and have an internal input filter.



The next generation DC/DC converters

SynQor is a world-class supplier of DC/DC power conversion solutions. SynQor's products are designed to exceed the rigorous quality and performance requirements of today's OEM designers building leading-edge communications and computing hardware. SynQor offers the lowest Total Cost of Ownership by providing unmatched reliability, service, support and lead times.

PowerQor Series

- Half Brick
- Quarter Brick
- Eighth Brick

DualQor Series

- Quarter Brick

BusQor Series

- Half Brick
- Quarter Brick
- Eighth Brick

Niqor Series

- Non-Isolated



SYNQOR 060144

18-60V input converter, 25% more power than existing devices

The **PQ30 QGA** series of DC/DC converters has been specifically designed to help engineers meet the challenging power requirements demanded by 3G base stations and wireless IP routers. By optimizing the converter design, it meets the ETSI-required input voltage range of 60V maximum for 48V systems, while also being able to operate at as low as 18V. The quarter brick unit can deliver 3.3V at 25A even in the most demanding environmental conditions. The performance of the converter means that no de-rating is necessary up to +70°C ambient temperature with just 200LFM (1.0m/s) of forced air cooling. At +85°C, with the same level of forced air cooling, it can deliver around 23A.



SYNQOR 060145

250 Watt AC-DC supplies with a power density of 9.25 watts per cubic inch

N2Power leads the power density race with its latest small, high efficiency **XL250** Series AC-DC power supplies. Our advanced technology yields a very small footprint, reduces wasted power, and offers the highest power density in the market in the 250 watt range. The unique design means reduced energy costs, a greater return on your investment, greater reliability and longer product life.

Features:

- 250 W AC-DC
- up to 93% efficiency
- high power density: up to 9.25 W/in³
- universal AC input
- active PFC (90-264 VAC)
- Built in or'ing diodes for N+1
- Small footprint
- <1U high: 1.5"
- no load operation
- active inrush current protection



N2 POWER 060146



Hengfu New at Alcom

Hengfu is recognized as the leading professional manufacturer of industrial switching power supplies in China. The standard product range from 5W to 1000W offers a very broad range. The best choice for quality and reliability. If you are looking for highly reliable switching power supplies in China, you will be finally convinced that Hengfu is your most desirable choice. Complete range of products, competitive price, strict selection of components, strong R&D support and speedy delivery will satisfy all your needs. Hengfu enjoys a good fame all over Chinese market. We have established long-term business relationship with hundreds of important customers in the field of telecom, LED, automation, TV & broadcasting, safety systems, etc.

Enclosed AC-DC's

Hengfu produces a full range of low cost, enclosed AC/DC power supplies. Product range from 10W to 300W standard features include 85 to 264VAC input ranges, 3000 VAC isolation, multiple outputs, robust filtering and compact construction. All models meet international safety approvals and many are already certified.

Open frame AC-DC

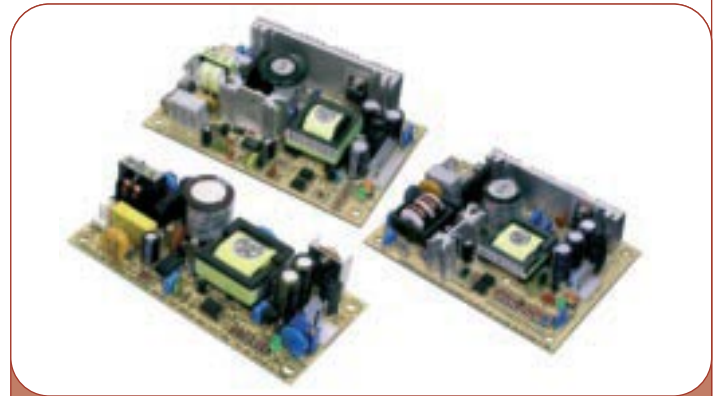
Product currently range from 10W to 60W, with more being added regularly. Standard features include universal 85 to 264 VAC input ranges, 3000 VAC isolation, high efficiency, robust filtering and small footprints. All models meet international safety approvals and many are already certified.



HENGFU 060147



HENGFU 060148



HENGFU 060149

300W Single Output PFC Series



- Universal AC input/full range
- PF>0.98@115VAC; >0.95@230VAC

HENGFU 060150

75W Single Output DIN Rail Series



- Universal AC input/full range
- Installed on DIN Rail TS35

HENGFU 060151

60W Single Output Mini-size Series



- Downsized, 30mm height
- Size: 145*87*30 (mm)

HENGFU 060152

55W with Battery Charger Series



- Universal AC input/full range
- Auto switch when power off

HENGFU 060153

15W Single Output Series



- Universal AC input/full range
- Miniature PCB structure

HENGFU 060154

150W Single Output Series



- High reliability
- AC input range selected by switch

HENGFU 060155

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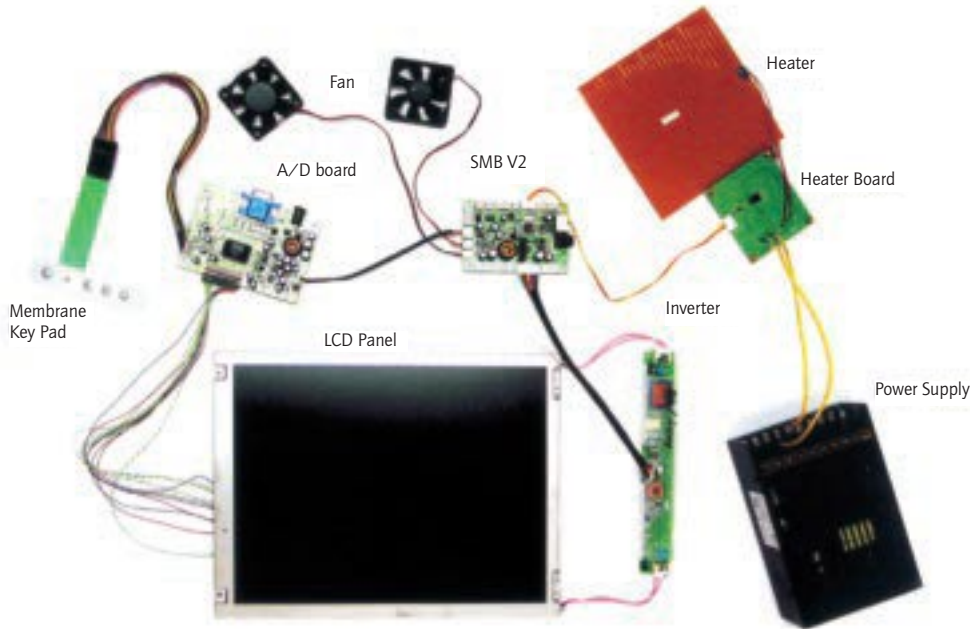
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