



CUSTOMER NEWSLETTER

Acme Electric – Magnetics – Acme Electric has appointed a new regional sales manager for the South East. Terry Brundage will assume this role in addition to his North East territory. Terry has been with Acme for several years and is based in Liverpool, NY. Acme's **new DIN rail power supply family** is rolling out on schedule and product is available off the shelf. To learn more about this new product check out their mini web site at www.acmedinps.com The other web sites are all still separate with links to the sister companies. www.acmepowerdist.com www.amveco.com and www.actown.com EMA represents all three divisions which are owned by the conglomerate, Actuant Corp.

Advanced Monolithic Ceramics (AMC) – Capacitors – The focus product this issue is custom capacitor solutions. AMC has the experience and know how to solve all kinds of bulk capacitance problems. If you have needs and are space constrained, let AMC help you. No matter what the shape, we can create a part that will fit the need. AMC announced the signing of **LXI** as a stocking distributor in Florida replacing Jaco who were terminated after their sale to WPG. Dave Dupre, applications manager at AMC will be in Florida from the 30th of March to the 3rd of April and is available to meet with customers. AMC's web site is: www.amccaps.com

Isodyne – Connector back shells – Isodyne's patent on the spring band has expired so you may expect to see others copy their idea, but don't be fooled by imitations. The spring band allows their back shells to be installed without the need for any special tools, but this is only part of the reason for choosing Isodyne. The other half of the equation is the **slotted back shell** which allows you to terminate shielded twisted pairs without the need for solder sleeves. Their patent on slotted back shells is good for another 8 years. This is a compelling reason to use Isodyne back shells in your designs. Not only are you **eliminating the cost of the solder sleeves** but you are also **reducing labor, improving reliability and reducing the overall size of the cable bundle**. To learn more contact EMA or visit: www.isodyneinc.com

Kaga Electronics – Power Supplies – Kaga (Volgen Power) focuses their product portfolio on AC/DC power supplies ranging from 10 to 150W in both open frame and metal enclosed form factors. They also offer DC/DC converters ranging from 1W to 40W as well as wall wart and desktop adapters. Their AC products all feature universal input power. The Volgen web site is: <http://www.volgen.com>

Maglayers – Board Level Magnetics & LTCC – This month Maglayers is releasing their new catalogs so if you would like one please contact your EMA salesperson. Maglayers has a strong reputation in Asia but are not that well known in America. Their price, quality and availability are excellent. They have significant capability in custom LTCC modules and can embed passive and active components in up to 50 layers of ceramic substrate. They also offer standard functions such as antennae, baluns, bandpass filters, low pass filters and diplexers. To learn more visit www.maglayersusa.com



CUSTOMER NEWSLETTER

NDK America – Crystals & Oscillators – NDK has released their tiniest oscillator to date. The **NT2016SA** is a **TCXO** measuring **2.0 X 1.6 X .8 mm** and operates at 2.8V. The part will consume 1.5 mA and has a frequency stability of 2.5 ppm. They will also offer a similar device with tighter frequency stability and enable/disable function (the **NT2016SB**) for **GPS** applications. NDK also released a new **VCXO**. The **NV2520SA** measures **2.5 X 2.0 X .9 mm** and can deliver a **pullability of +/-100 ppm**. It is the smallest device in its class and is ideally suited for clock signals and timing for complex image processing in mobile devices. NDK is the largest manufacturer of crystals and oscillators in the world with over 8000 employees. They have design centers in Japan, the U.S. and Germany. NDK produces 800 tons of synthetic quartz annually from their 14 autoclaves in Japan and 8 in the U.S. Visit NDK's web site for other product information at: <http://www.ndk.com>

RO Associates – Power Supply Bricks – RO Associates focuses on high end industrial and military COTS markets but what you may not know is that you have three choices when it comes to RoHS compliance. All new products offer tin lead (Sn-Pb) solder versions. This is a full tin lead process with no pure tin component terminations and is designated by adding an "RL" to the part number. 5/6 RoHS compliance (lead in solder exemption) is available for network infrastructure equipment. Of course they also offer high reliability lead free (RoHS compliant) which is designated by adding an "LF" to the part number. To learn more check out their web site: www.roassoc.com

Synergy Microwave – VCO's/Synthesizers – Synergy has announced 4 new OCXO's. Yes they are now offering oven-ized crystal oscillators which pair well with their synthesizers. These devices feature extremely low phase noise. The **OXO100-1-349 operates at 100 MHz** and the **OXO120-1-349 operates at 120 MHz**. Both are packaged in a small CO-8 package. The **OXO10-1-349 is a 10 MHz oscillator** in the same package or optionally the **OXO10-1-348 is surface mount**. Please contact your EMA rep for full data sheets as they are not posted on the web site yet. To see other products go to www.synergymw.com

TennMax USA – EMI/RFI/Thermal Solutions – TennMax have made a name for themselves in the FIP (form in place) gasketing market and are now the leading dispenser in the world. What you may not know is that they are a solutions company. The more difficult the problem – thermal or EMI/RFI – the better they look. TennMax offers design and turnkey manufacturing of **custom heat sinks, base station clam shells, component covers** and they offer **vapor deposition** as well. Bring us your toughest jobs. The TennMax web site is: www.tennmaxusa.com



CUSTOMER NEWSLETTER

Distribution Information:

Acme Electric (Acme, Actown, Amveco) – [DigiKey](#), [Go Electronics](#)
AMC (Advanced Monolithic Ceramics) – [Arrow](#), [LXI](#), [Newark](#), [Simcona](#), [SMD](#)
Cambion – [Bisco](#), [Century Fasteners](#), [GE Supply](#), [Heilind](#), [Newark](#)
Cosmotronic – None – [send Gerber data to quote@cosmotronic.com](mailto:quote@cosmotronic.com)
Isodyne – [Mil-Stock](#), [SEA Wire & Cable](#)
Kaga Electronics (Volgen Power) – [DigiKey](#) – [send quotes to mburks@volgen.com](mailto:mburks@volgen.com)
Maglayers – [Edge](#), [Projections Unlimited](#)
NDK – [Dependable](#), [WPG Americas](#) (formerly [Jaco](#))
Rectron – [Chris Electronics](#), [Edge](#), [Mouser](#)
RF Lambda – None – [send quotes to michael@rflambda.com](mailto:michael@rflambda.com)
Riedon – [DigiKey](#), [NRC](#), [Richardson](#)
RO Associates – None - [send quotes to your EMA sales rep](#)
Synergy Microwave – None – [send quotes to garcia@synergymwave.com](mailto:garcia@synergymwave.com)
TennMax USA – None – [send quotes to jeff@tennmaxusa.com](mailto:jeff@tennmaxusa.com)
Volgen Power – [see Kaga Electronics](#)
Winonics – None – [send Gerber data to rfq@winonics.com](mailto:rfq@winonics.com)

This newsletter is published by Tony Meyer

Electronic Marketing Associates Inc.
726 W. Pinewood Ct.
Lake Mary, FL 32746
(407) 774-6010
(407) 774-7866 (FAX)
(407) 687-1013 (Cell)
tmeyer@emarep.com