

Steward Technology

Northern California Line List 05/11

John Steward 408-568-9159

Russell Yee 408-828-8845

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Manufacturers' Representative

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BARRY INDUSTRIES, MA: WWW.BARRYIND.COM (508) 226-3350

SMT & Wire Bondable Attenuators, Resistors, Terminations, Custom Thick Film and LTCC Packages.

CMC LABORATORIES, AZ: WWW.CMCLABORATORIES.COM (480) 496-5000

Materials Analysis, Testing and Characterization. Other: Plating, DPA's and Process Development

CREE WIRELESS DEVICES, NC: WWW.CREE.COM/WIRELESS (919) 313-5300

Gallium Nitride (GaN) MMIC's and Transistors.

ECLIPSE MICROWAVE, CA: WWW.ECLIPSEMICROWAVE.COM (408) 526-1100

Mixers, doublers, detectors, equalizers, limiters.

EVISSAP, CA: WWW.EVISSAP.COM (408) 943-8266

Cost Effective Coaxial Cable Assemblies and Custom Commercial Connectors to 18GHz.

FLANN MICROWAVE, UK: WWW.FLANN.COM 44 1208 77777

Waveguide Adapters, Antennas, Attenuators, Cal Kits, Components, Frequency Meters, Switches, Terminations.

GOWANDA, NY: WWW.GOWANDA.COM (716) 532-2234

Inductors: Conical, Thin-film, Wirewound, Power, Toroidal, High Current.

MICROFAB, NH: WWW.MICROFABNH.COM (603) 621-9522

Custom Thin-film circuits. Ion beam etching for high yield, fine geometry circuits and platinum barrier metals.

MICRO-MODE PRODUCTS, CA: WWW.MICROMODE.COM (619) 449-3844

Connectors: SMP, SMPM, MSSS, 1mm, Hi-Rel, Glass-to-metal feedthru's, Direct fired-in glass housings.

MICROWAVE TECHNOLOGY (MWT), CA: WWW.MWTINC.COM (510) 651-6700

MESFET and PHEMT transistors, MMIC's, WiMax and Wireless SMT amplifiers, Hybrid and Open Carrier Modules.

M-PULSE MICROWAVE, CA: WWW.MPULSEMW.COM (408) 432-1480

Diodes: Schottky, PIN/NIP, SRD, Varactor, Tunnel, and Noise. SPD's, MIS Caps, Bi-polar Transistors and Gain Blocks.

PRESIDIO COMPONENTS, INC., CA: WWW.PRESIDIOCOMPONENTS.COM (858) 578-9390

Capacitors: Single Layer Ceramic, Monolithic Broadband, Multilayer, SMPS Stacked and Radial Leaded.

QUALITY TECH MACHINING, CA: WWW.HVTTECH.COM (408) 496-1818

Aluminum, stainless; Hard Anodized, Electroless Nickel, Chem Film, Gold Plating; 2 week typical turnaround

SEI, INC., MA: WWW.SEMICONDUCTORENCLOSURES.COM (978) 462-1880

HTCC Packages, QFN, surface mount, leaded.

TRILITHIC, INC., IN: WWW.TRILITHIC.COM (317) 895-3600

Filters: Tunable, Cavity, Tubular, and lumped element filters. Attenuators and Switches.

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MANUFACTURERS' REPRESENTATIVE

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BY PRODUCT LISTINGS (50 AND 75 OHM):

Product	Type	Case (SM= Surface Mount)	Freq (GHz)	Principal
Amplifiers	GaN MMIC	Chip, flange	11	Cree
Amplifiers	Hybrid gain blocks/Modules, MMIC	SM/MIC Open Carrier	3.5/26	MwT
Amplifiers	MMIC; Silicon Cascadable	Chip, SM	3	M-Pulse
Antennas	Horn, Omni	Waveguide	330	Flann
Attenuators	Fixed Chip	SM, Chip, flange	4	Barry
Attenuators	Pushbutton / Programmable & Rotary / Fixed	Connectorized	0.5/3/18	Trilithic
Attenuators	Rotary, Precision, Variable, Fixed, Programmable	Waveguide	173	Flann
Cables	Flexible, semi-rigid, eP-formable	Connectorized	18	evissaP
Cal Kit	Network Analyzer	Waveguide	500	Flann
Capacitors	Broadband ceramic	SM0302 thru 0805	110	Presidio
Capacitors	Buried electrode single layer ceramic	Chip wire bondable	40	Presidio
Capacitors	MIS Silicon and Ge	Chip, beamlead	60	M-Pulse
Capacitors	Multi-layer and high voltage	SM 0402 thru 2225	10	Presidio
Capacitors	SMPS stacked and radial lead	Auto-insert, SM	N/A	Presidio
Circuits, fab	Thin Film, Al2O3 and AlN	Single layer	110	MicroFab
Connectors	Custom	Adapters, cable, bulkhead	18	evissaP
Connectors	Blindmate, 1mm, MSMA, 2.92, 3.5, SMC, TNC	Flange, spark plug, machined	110	Micromode
DC Blocks	Monolithic	SM	100	Presidio
Detectors	Sampling Phase	SM	18	M-Pulse
Diodes	PIN/NIP, SRD, Tunnel, Noise, Varactor	Chip, SM, Beamlead & "M"	40	M-Pulse
Diodes	Schottky, Biased and Zero Biased (Si & GaAs)	Chip, SM, Beamlead & "M"	60	M-Pulse
Diplexers	Coaxial and Dielectric Resonator	Connectorized	3	Trilithic
Feedthru's	Glass-to-metal, direct fired-in	Solder-in, direct fired	110	Micromode
Filters	Cavity, Compline, Coaxial, Tubular and Lumped	Connectorized, SM, Leaded	18	Trilithic
Filters	Tunable, fixed, harmonic	Waveguide	110	Flann
Filters	Delay, Dielectric Resonator, Tunable, Preselector	Connectorized	3	Trilithic
Inductors	Thin-film, toroidal, ferrite and ceramic core	SM, leaded	12	Gowanda
Inductors	Spiral, thin-film	Planar	18	MicroFab
Inductors	Conical, gold air coil	SM, Flying lead	40	Gowanda
Packages	LTCC	Various, Custom	60	Barry
Packages	HTCC	SM, leaded	40	SEI
Power Dividers	Resistive, Wilkinson	Connectorized	3	Trilithic
Resistors	Fixed and current sensing milliohms-gigohms	SM, Chip, flange	40	Barry
Switches	Transfer / Programmable, SS	Connectorized	1 / 3	Trilithic
Switches	Manual, Automated	Waveguide	110	Flann
Terminations	Feedthru (oscilloscope) / Fixed	Connectorized	0.5 / 18	Trilithic
Terminations	Fixed mW to 400W, BeO, AlN and Al2O3	SM, Chip and flange	4	Barry
Terminations	Sliding, ultra-short, low-med-high power	Waveguide	110	Flann
Transformers	Impedance	Connectorized	3	Trilithic
Transistors	BiPolar, Low Noise, P-1dB to +23 dBm	SM, Chip, packaged	6	M-Pulse
Transistors	FET, GaAs and PHEMT to 4 watts	SM, Chip, packaged	30	MwT
Transistors	SiC MESFET and GaN HEMT, 10W to 60W	Chip, packaged	6	Cree