

CENTURY ELECTRONICS

A Division of Perillo Industries, Inc.

Capabilities, Quality, Performance and Value For Military, Aerospace, Space and Industrial AC/DC Power Supplies and DC/DC Converters

Facility and Personnel

Assembly and Soldering to IPC/J-STD-001, Class 3, NASA 8739.1
Conformal Coating- IPC-CC-830
Magnetics to MIL-PRF-27
Inspectors Certified to IPC-A-610
Computerized MRPII Manufacturing System and Controls
Fully Computerized Environmental Testing
Dynamic Burn-In
Vertically Integrated
Low and High Rate Production Volumes

Product Capabilities

AC/AC: Line Regulators
AC/DC - Converters
DC/DC - Converters
High Density (SMT)
Linear Power Supplies
Switching Power Supplies
High Voltage Power Supplies
Current Mode Design
Power Factor Conversion
High Switching Frequency
Single and Multiple Outputs
Standard (COTS)
Semi-Custom
Full Custom
Build-To-Print
Legacy Reverse Engineering

Quality Assurance Programs

IPC/J-STD-001, Class 3 NASA-STD-8739.1
IPC-A-610
Statistical Process Control
Failure Analysis Reporting System
Integrated Quality Software System
ISO9001/AS9100 Certified,
Certification No. FM538917



Facility: 15,500 sq. ft.
(Office & Manufacturing)

Awards and Recognitions

Administrator's Award For Excellence – SBA
Featured on NAVMAT P4855-1 Design Guidelines
Million Dollar Supplier – 1998 Raytheon Company
"Partners in Quality" 1996, 1997 – Raytheon Co.
L-3 Preferred Supplier of The Month – 2007
Preferred Supplier – 2010 Raytheon Co.
SDB Outstanding Supplier Performance - Aegis Program
Small Business Contractor Of The Year – SBA Region IX
Small Business Supplier Of The Year – Boeing Co.
Supplier Excellence Award 1996 – Raytheon Co. – Texas
Very Important Producer – Raytheon Co.
3 Star Supplier Excellence Award – 2008 Raytheon Co.
3 Star Supplier Excellence Award – 2011 Raytheon Co.

Professional Engineering Staff

CAD/CAM Capabilities
Electrical Engineering
Mechanical Engineering
Discrete Designs
Modular Designs
System Enclosure and Card Cage Design
Design Guidelines To NAVSO-P4855-1A
Short Development Cycle
Computerized MTBF Software to MIL-HDBK-217F
EMI Capabilities (MIL-STD-461F)
Program and Systems Support
Real Time Feedback Measurements
DOE - Design of Experiments
FMEA- Failure Mode Effect Analysis

Airborne, Shipboard, Submarine, Ground Mobile, and Missile Systems

- Advanced Color Workstation
- A-10 Display
- AC/AC – Line Regulator
- AEGIS
- Airborne Electronic Warfare Systems
- Airborne Reconnaissance Low (ARL – 180)
- AMDR-V
- AMU
- AN/APG 73 & 74 Radar System
- AN/APS – 137
- AN/SQQ – 89 Sonar
- AN/TPN – 19 Landing Control
- AN/TRC – 170 (Loop Test Set)
- AN/TRC – 170 Troposcatter Radio System
- AN/TPQ – 36, AN/TPQ – 37, AN/TPQ – 47-Firefinder
- AN/USQ 102 (V) System Resource Ctrl Console
- AN/ASQ – 208 Magnetic Anomaly Detection(MAD)
- AN/USQ – 102 (V)
- ASARS
- ATC – Air Traffic Controller – RAMP
- BAMS
- Back End Electronics Power Supply
- B-52, F101, & KC135 Receiver
- BRU 55 & BRU 57
- CAMS
- Commander's Independent Viewer (CIV)
- Cruise Missile OIDT
- CS2002 Tuner
- CV – 131
- E-2C Hawkeye/E-2C Mission Computer
- E-2D
- F/A18 Dimmer Control Switch
- F-117 Stealth Fighter
- F-16 Radar Systems
- F-5E Navigation Systems
- Gator
- GEDMS
- Global Hawk
- Ground Equipment Control Computer
- IBAS
- Intrepid Tiger
- JSOW Missile
- JSECST
- Laser Systems
- LOSAT (HUMVEE)
- M-60 Tank 38VDC
- Mast Mounted Sight Upgrade (MMSU)
- Medium Data Rate (MDR)
- NESP Solid State Amplifier
- OIDT – Operator Interactive Display Terminals
- Operational Test Set (OTS)
- Patriot Air Defense System
- Remotely Piloted Vehicle Guidance and Control
- Roland Fire Unit – Tactical Surface to Air Missile
- ROTHF – Relocatable over the Horizon Radar
- Satellite Tracking Program
- SEASPARROW
- SEEKER
- Submarine Electronic Warfare Systems
- Surface Electronic Warfare Systems
- SWSMIN
- TDWR – Terminal Doppler Weather Radar
- Tier III minus Unmanned Aerial Vehicle (UAV)
- Trident
- Unmanned Aerial Vehicle – ACP
- VME Computer Card Cage
- VPX

International Programs

- AEGIS – Spain
- AN/APS – 137 ISAR – Japan
- DREA – Color Workstations – Canada
- (K-1) Tank Programs – Korea
- Muses – C Space Exploration Program - Japan
- NOA – Air Force - Norway

Space Application Programs

- International Space Station (ISS)
- ISS – Types II, III, IV Power Supplies
- ISS – Ku Band SSPA Power Supply
- Muses – C Space Exploration

Century Electronics designs and manufactures custom, semi-custom, and standard power supplies, converters, and inverters for high-reliability military, aerospace, space, industrial and commercial applications at our AS9100 Registered facility in Newbury Park, Ca. We also offer build-to-print, contract manufacturing, and legacy reverse-engineering services. Please call us at (805) 498 – 9838 extension 102 or e-mail us at sales@centuryele.com for immediate assistance with your requirements.