

COMPANY OVERVIEW

Direct Supplier to:

Raytheon

LOCKHEED MARTIN

BOEING

NORTHROP GRUMMAN

BAE SYSTEMS

L3HARRIS

DAICO Employees: ~ 60
Annual Sales: ~ \$12 Million
Facility: 40,000 Sq. Ft.
Engineering
Production MIC & SMT
In-house Testing

54+ Years Serving-
Defense/Military
Aerospace
Industrial

PRODUCTS & SERVICES

Control Products: Switches, Attenuators, Limiters, Phase Shifters...

MFAs: Up-Converters, Switch Matrix, TR Modules...

Amplifiers: High Power, Pulse Radar, Broadband...

Transmitters: Surveillance Radar, Weather Profiler, Mission Critical...

Build-To-Print: Design Modernization, Contract Manufacturing, Pick & Place Assembly, Automated Test...



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Carson, CA 90745

ISO 9001:2015
AS9100D



PASSIVE COMPONENTS



DFLB9202: Absorptive BPF

- Multi-Octave Passband
- Multi-Octave Absorptive Rejection
- 50W CW High Power Handling



Isolated 8-Way Power Divider: DPD89219

- 8-Way L-Band High-Power Divider
- Excellent Reverse Isolation
- Outstanding Port-to-Port Isolation

CONTROL COMPONENTS & MFAs

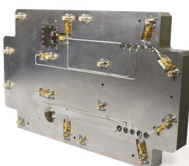


CSW29283: SP2T SWITCH

- 8-12 GHz X-Band
- 100W Power Handling
- PIN Diode Technology

High Power 5-BIT Phase Shifter: DPS59314

- 2.5kW 5-BIT IFF Phase Shifter
- +5VDC/-140VDC Supplies
- 5.00"x4.00"x0.75" Small Profile



DTX09661: Innovative (7+1) DSCU

- Patented (m+n) Divider and Combiner Scheme
- 30kW Ultra-high Power L-Band Operation
- Power Degradation for Mission Critical SSTx

POWER AMPLIFIERS

Ultra-Linear Broadband Amplifier: DAMH9355-1

- 50-2000 MHz Broadband/33 dBm P_{1dB}
- 48 dBm IP₃ Ultra-Linear
- 10-15 VDC and 1.5"x2.5"x0.75" Small Profile



CTX09660-1: Innovative Long Pulse HPA

- Patented PAU Configuration with GaN
- 1.2-1.4 GHz/4kW 2mSec Pulse Power
- 40W/in³ Ultra-High Power Density

C-Band/50W HPA: DAMH9320

- GaAs and GaN Technology
- 5.1-5.9 GHz/50W Power Amplifier
- +28 VDC Nominal



TRANSMITTERS

CTX09664: L-Band Scalable 30kW (7+1) CHPA

- Patented (m+n)ART CHPA Architecture
- Flexible and Scalable up to C-Band and MW
- Liquid Cool 19" Rack Mount Common Platform



September 2021

DAICO provides the continued support for Legacy Designs and we Redesign for Form, Fit & Function with new Technology as requested

ANTENNA SELECTORS

100D1313-1 Antenna Selector



- DC-400 MHz Freq. Range
- 5-Port Antenna Selector
- 0.3 dB Insertion Loss
- 90 dB Switch Isolation

CSA09109 C/D Band Switch



- 500-2000 MHz Freq. Range
- 5-Channel Matched SPST
- 0.68 dB Insertion Loss
- 82 dB Switch Isolation

DS0632 Switch, SP2T



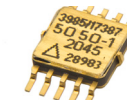
- GaAs, Absorptive
- 5-2000 MHz Freq. Range
- 10 nSec Switch Speed
- SMT, 14 PIN

CSW48067-1 Switch, SP4T



- GaAs, Absorptive
- 50-100 MHz Freq. Range
- 0.65 dB Insertion Loss
- SMT, 16 PIN Flat Pack

CSW25050-1 Switch, SP2T



- GaAs, Absorptive
- 50-1100 MHz Freq. Range
- 80 nSec Switch Speed
- SMT, 10 PIN

CSW29161 Switch, SP2T



- PIN Diode, T/R Switch
- 570-2500 MHz Freq. Range
- 0.58 dB Tx Insertion Loss
- 80 dB Tx/Rx Isolation

CSW45150/B2 Switch, SP4T



- GaAs, Absorptive
- 5-300 MHz Freq. Range
- 0.88 dB Insertion Loss
- SMT, 24 PIN Dihedral

CSW89178 Switch, SP8T



- PIN Diode, Absorptive
- 250-500 MHz Freq. Range
- 0.5 dB Tx Insertion Loss
- 67 dB Switch Isolation

CONTROL COMPONENTS

CDA0970/B1 Attenuator, 3 Bit



- 1215-1400 MHz Freq. Range
- STEP: 6dB/12dB/24dB
- 250 nSec Switch Speed
- 1.11:1 VSWR

CPS49092 Phase Shifter, 4 Bit



- 1215-1400 MHz Freq. Range
- STEP: 22.5°
- 660 nSec Switch Speed
- 1.25:1 VSWR

CTD02064 Threshold Detector



- 10-500 MHz Freq. Range
- 0.8 dB Hysteresis
- 7.8 mSec Response
- TO-8, 5 PIN

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MFAs

CSA09247 T/R SW LNA



- 1215-1400 MHz Freq. Range
- 66 dBm Tx Power
- 26.8 dB LNA Gain
- 50 dB T/R Isolation

CMF09490 T/R Module



- 20-1000 MHz Freq. Range
- 53 dBm Tx Power
- 0.8 dB Insertion Loss
- 60 dB T/R Isolation

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POWER AMPLIFIERS

CAMH9167 & CAMH9165 Broadband Linear Amplifier Assembly



- 50-3000 MHz Freq. Range
- 35 dB Gain
- 33 dBm P_{1dB}
- 1.7:1 VSWR

CAMH9224 HPA/Driver Pulse Amplifier



- 1200-1400 MHz Freq. Range
- 62 dBm Tx Power
- 320 μS Pulse Width
- 10% Duty Factor

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