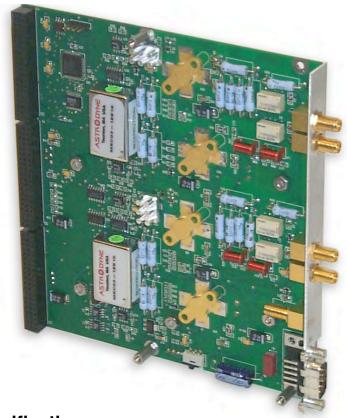


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## **Specifications:**

#### **Outputs:**

Two true (A & B) and two complement (A & B) outputs

Frequency: 20MHz max.

Input: TTL

#### **Output Amplitude:**

 $R_{LOAD} = 50\Omega$  +0.21V to +15V  $R_{LOAD} = \infty$  +0.42V to +30V

#### **Output Current:**

Source 300mA Sink 100mA

Output Impedance:  $50\Omega$ 

#### **Programming Resolution:**

 10V range
 2.50mV

 30V range
 7.50mV

Accuracy: ±0.75% ±75mV

Rise/Fall Time:

30V,  $R_{LOAD} = \infty$  30ns

#### Inputs/Outputs:

- Pulse Input
- · True Output A
- · True Output B
- · Complement Output A
- · Complement Output B
- External Power (+36V)
- External Power Interlock
- Pulse Interlock

#### **External Power:**

36V 2A supply required

#### **Front Panel Connectors:**

Pulse Input/Outputs SMA Ext. Pwr. & Interlocks 9-pin DSUB

#### Temperature:

Operating: 0°C to 50°C Storage: -40°C to 70°C

#### Power (typical):

+5V	150 mA
+12V	300 mA
-12V	100 mA
Ext. +36V	1.0 A

# M206 Pulse Amplifier

The M206 is a programmable pulse amplifier that accepts a fixed level input pulse and provides dual complementary switched outputs. The module produces a total of four outputs. Two outputs have the same active-level as the input pulse two outputs have complement level of the input pulse. The output level is programmable up to 30V into no load (up to 15V into a  $50\Omega$  load). An external +36V supply is required. An external power interlock and a pulse interlock are provided.

## **M Module Compliance**

Complies with ANSI/VITA Std. 12-1996 for triple-wide MA Modules

Data Transfers: 16 bit

Interrupts: not supported

Triggers: not supported

Compatible with VXI, VME, PCI, cPCI and other M Module carriers.

## **Applications**

- · Pulse amplification
- · Pulse level shifting

## **Ordering Information**

Part Number 11028470-0001

### **Additional Information**

User Manuals for C&H carriers and this module can be found on our website at www.chtech.com.