

Bi Ra Systems, Inc.

2404 COMANCHE NORTHEAST • ALBUQUERQUE, NEW MEXICO 87107 • (505) 881-8887

MODEL 3251
NIM 12-BIT OUTPUT REGISTER

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3251
NIM OUT

FEATURES

- . 12 Bit NIM output register
- . LEMO front panel connectors
- . Strobe pulse at loading of register
- . Optional DC or PULSED outputs
- . Adjustable PULSE width

APPLICATIONS

- . General Purpose NIM output register

General Description

The Model 3251 is a single-width module with a 12-bit register, NIM level outputs. The register is loaded from the dataway and outputted via front panel LEMO connectors, RA00-250. A strobe is generated when the register is loaded. The strobe duration is adjustable. Straps are provided for user determined durations of 50ns to several seconds by the addition of timing capacitors.

OUTPUTS:

Terminators are required to produce a true output, -0.8 to -1.2V, false output is 0.0V.

The strobe may be internally strapped to gate one or all channel groups 1-4, 5-8, 9-12 to be pulsed outputs. If strap points are open the output groups are DC levels.

Function Codes:

Command	Q	Action
F16 A0 WT1	1	Writes register, initiates strobe at S2.
C	CC	0 Clears register.
Z	CZ	0 Clears register.
X		Valid for all addressed commands.

Power Requirements: +6V - mA.
-6V - mA.

Weight: .45Kg. (1lb.)

ORDERING INFORMATION:

Model 3251 12-Bit NIM OUTPUT REGISTER

ACCESSORIES: Mating connector or cable, LEMO shell 00, one contact

