7 2 3 5 6 8 A 106 RADIATION TOOL LINE DRIVER Dual Channel / Single Channel GO COSMOS Discrete Component Style В LINE**** **Negative Pulse Output** Positive Pulse Output → +24-36v C C4 C3*** 30.9 499 [→] D2 1N5061 2-4uf D Q3** 'Q4** Q1* Q2 C1*** C2*** 2-4uf 2-4uf 2N3439 2N3439 2N5416 2N3439 D3**** 2N2102 2N2102 2N4036 2N2102 太*D1* △1N5061 E R6 R5 D4**** 30.9 499 499 HPCB Ground F JP1 Copyright 2009 by AnaLog Services, Inc. All rights reserved. Reproduction is unlawful without express written permission. G NOTES: Analog Services, Inc. Input pulses to both halves positive; series resistor may be needed. 1169 Haynesville Road - Reynolds Station, KY 42368 2N3439 and 2N5416 are higher voltage "bullet proof" devices. 106LD6a.sch 106 Line Driver C1, C2, and C3 should be rated at higher than line voltage.

PCB: 106LD-6

Sheet Size: A

Revision: 1.0

Creation Date: 09/13/2009

Modify Date: 11/15/2009

Drawn By: Syd H. Levine

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Use 50 ohm load resitor, or zener diodes to control pulse height.

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