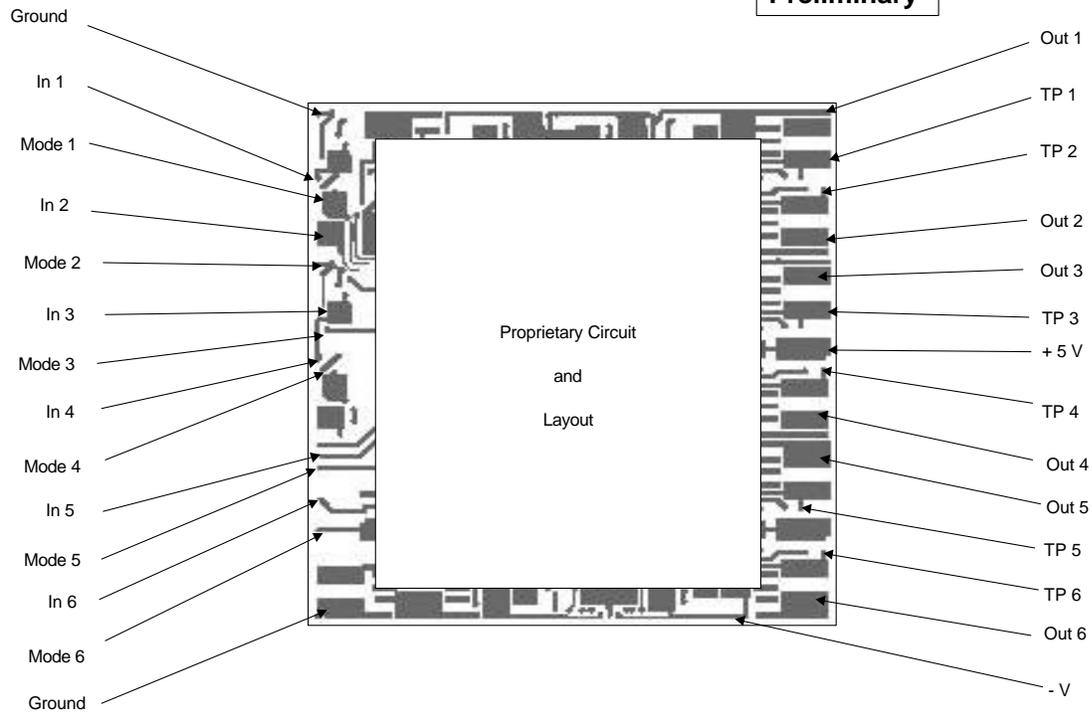


Preliminary



Six Channel PIN Driver, High Speed, with Mode Control

Substrate Size : .580 inch by .630 inch

- 1) Switching speed is 12 nsec max into resistive loads.
- 2) Outputs provide +10 mA / - 35 mA into antiparallel diode loads when operated at +5V / -12V.
- 3) Unit contains internal .01 uF bypassing on both power supplies.
- 4) Channels are inverting when mode control is low, and noninverting when mode control is high.
- 5) Backside is bare Alumina. Substrate thickness is .010 inch, overall thickness is less than .060 inch.
- 6) Outputs provide current spikes during switching. Testpoints are not fully current limited.
- 7) Details of layout are preliminary and are subject to change.

<p>Tolerances Except as Noted .x = +/- .05 .xx = +/- .01 .xxx = +/- .005 Dimensions in inches</p>	Revisions				<u>Impellimax</u>		
					OUTLINE		
							Sheet 1 of 1
	<p>Information herein is believed accurate. Suitability not guaranteed.</p>				<p>Drawn By: P.C.</p>		<p>Date: 4/9/01</p>
<p>DRF: 562</p>					<p>Approved: P.C.</p>		