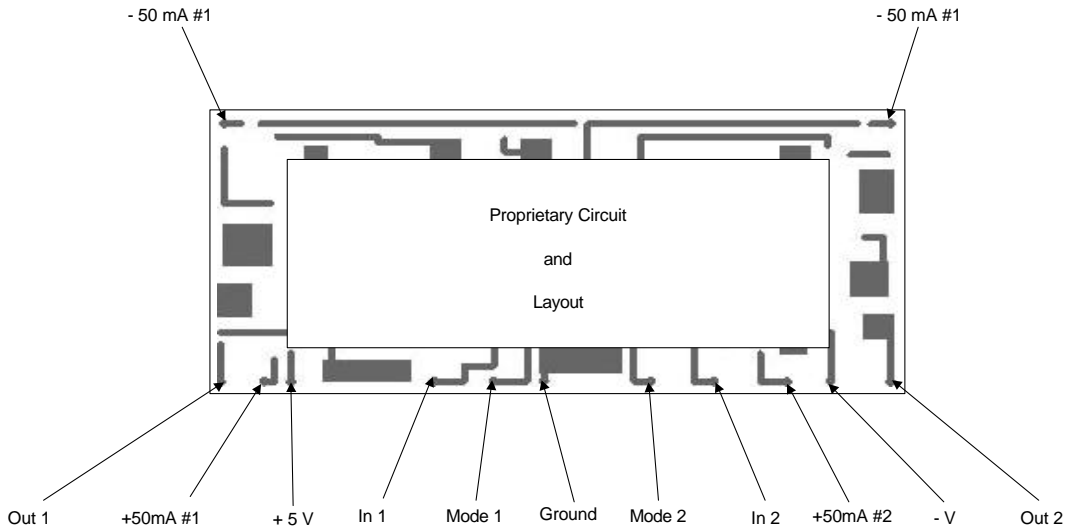


Preliminary



Two Channel PIN Driver, Moderate Speed, with Mode Control

Substrate Size : .510 inch by .220 inch

- 1) Switching speed is 100 nsec max into resistive loads.
- 2) Outputs provide +/-30 mA (or +/- 50 mA) nominal.
- 3) Unit contains internal .01 uF bypassing on both power supplies. Unit is reverse bias protected.
- 4) Channels are inverting when mode control is high, and noninverting when mode control is low.
- 5) Backside is bare Alumina. Substrate thickness is .010 inch, overall thickness is less than .060 inch.
- 6) Unloaded quiescent current is +15mA / -10mA max, at +5V / -12V.
- 7) Details of layout are preliminary and are subject to change.
- 8) Logic inputs connect to F-series logic gate through a series current-limiting resistor. Logic inputs float to Logic 1 condition when left unconnected.

<p>Tolerances Except as Noted .x = +/- .05 .xx = +/- .01 .xxx = +/- .005 Dimensions in inches</p>	Revisions				Impellimax		
	A	ECO 2159	4/26/2001	PC	OUTLINE		
							Sheet 1 of 1
<p>Information herein is believed accurate. Suitability not guaranteed.</p>					Drawn By: P.C.	Date: 4/9/01	Drawing # 9823-51
					DRF: 563	Approved: P.C.	