



12 output PIN driver for SP8T plus terminated 9th arm created by cascaded three-throw switches in a tree structure
 Dimensions : 1.5 inch by .9 inch, .250 max over-all thickness. Unit can be mounted using 4 0-80 screws.
 Switching speed : 100 nsec
 Material : Single-sided FR4 PCB with hybrid driver mounted in central area
 Pin-out : TBD
 Logic function : see table below

PORT	LOGIC BITS (4)				SWITCH CONTROL I/P (A)			SWITCH CONTROL I/P (B)			SWITCH CONTROL I/P (C)			SWITCH CONTROL I/P (D)		
	MSB	MID	LSB	TERM	A1	A2	A3	B1	B2	B3	C1	C2	C3	D1	D2	D3 (term)
1	0	0	0	1	-5V	15mA	15mA	-5V	15mA	15mA	15mA	15mA	15mA	15mA	15mA	15mA
2	0	0	1	1	-5V	15mA	15mA	15mA	-5V	15mA	15mA	15mA	15mA	15mA	15mA	15mA
3	0	1	0	1	-5V	15mA	15mA	15mA	15mA	-5V	15mA	15mA	15mA	15mA	15mA	15mA
4	0	1	1	1	15mA	-5V	15mA	15mA	15mA	15mA	-5V	15mA	15mA	15mA	15mA	15mA
5	1	0	0	1	15mA	-5V	15mA	15mA	15mA	15mA	15mA	-5V	15mA	15mA	15mA	15mA
6	1	0	1	1	15mA	-5V	15mA	15mA	15mA	15mA	15mA	15mA	-5V	15mA	15mA	15mA
7	1	1	0	1	15mA	15mA	-5V	15mA	15mA	15mA	15mA	15mA	15mA	-5V	15mA	15mA
8	1	1	1	1	15mA	15mA	-5V	15mA	15mA	15mA	15mA	15mA	15mA	15mA	-5V	15mA
termination	1	1	X	0	15mA	15mA	-5V	15mA	15mA	15mA	15mA	15mA	15mA	15mA	15mA	-5V

Revisions				<u>Impellimax</u>		
A	ECO 2085	10/17/00	P.C.	OUTLINE		
						Sheet 1 of 1
				Drawn By: P.C.	Date: 10 / 12 / 00	Drawing #
				DRF: 516	Approved: P.C.	5012-50