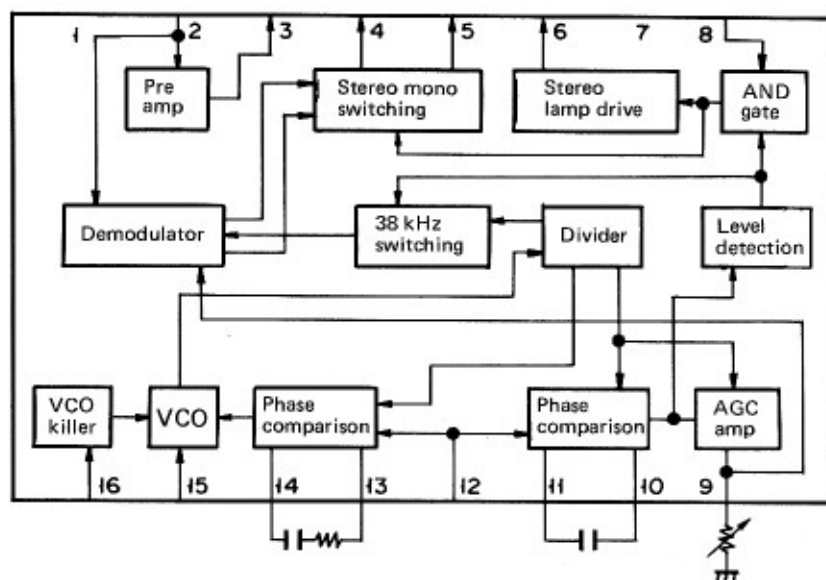


APPLICATION	PILOT CANCELLER MPX DECODER	NAME	PA1001
MODEL	TX-9800	TYPE	SILICON MONOLITHIC

BLOCK DIAGRAM



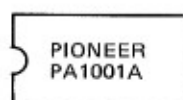
PIN FUNCTIONS

Pin No.	Standard Voltage (V)	Pin Name	Function and Operation
1	13	VCC	
2	3.1	PRE IN	Composite signal input
3	4.9	PRE OUT	Composite signal output
4	8.85	L OUT	Lch output
5	8.85	R OUT	Rch output
6	13/1	ST IND	Stereo indicator output 1V → lighted
7	0	GND	
8	0/1.5	ST AUTO IN	Auto/mono switching 1.5V → mono
9	0.8	PILOT CANSEL	Pilot canceller
10	2.3	PILOT LEVEL	Filter
11	2.3	PILOT LEVEL	
12	2.38	PLL IN	
13	2.4	PLL LPF	Filter
14	2.4	PLL LPF	
15	3.4	VCO	
16	0/more than 2V	VCO KILL	VCO KILLER IN (VCO stop → 2V in modes other than FM)

No signal voltage

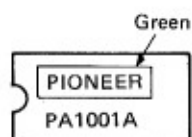
FAMILY

PA1001-A



PA1001 improved performance part

PA1001-AG



PA1001-A SN selected part