

CONFIDENTIAL

4-NORMALLY OPEN SWITCHES WITH DISABLE

The JFET switches are designed for applications where a DC to medium frequency analog signal requires control.

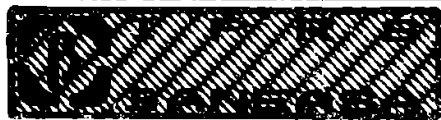
- Operating temperature	PLF 11331 ...	-55 ... +125	oC
	PLF 13331 ...	0 ... +70	oC
- Storage temperature		-55 ... +125	oC
- Positive supply - negative supply (VCC-VEE)		max.	36 V
- Reference voltage		VEE ... VCC	V
- Logic input voltage		VR-4...VR+6	V
- Analog current		max.	20 mA

The following parameters are supposed to be guaranteed for :

VCC = +15 V; VEE = -15 V; VR = 0 V; TA = 25 oC

- " ON " resistance (VA = 0 V; ID = 1 mA)		max.	200 ohms
- " ON " resistance matching		max.	50 ohms
- Analog range		-10 ... +10	V
- Leakage current in " ON " condition		max.	10 nA
- Source and drain current in " OFF " condition		max.	10 nA
- Logical " 1 " input voltage		min.	2 V
- Logical " 0 " input voltage		max.	0.8 V
- Logical " 1 " input current (VI = 5 V)		max.	40 uA
- Logical " 0 " input current		max.	0.1 uA
- Disable current		max.	1.5 mA
- Negative supply current (all switches "OFF")		max.	7 mA
- Reference supply current		max.	5 mA
- Positive supply current		max.	9 mA

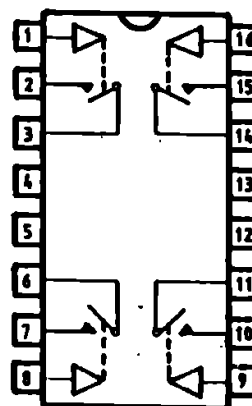
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LINEAR
INTEGRATED
CIRCUITS
— INDUSTRIAL —

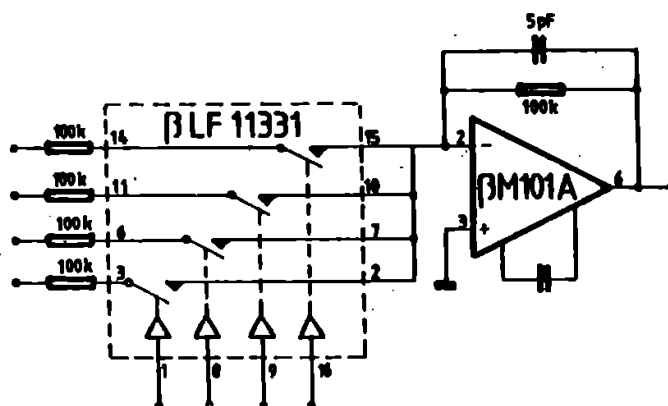
PLF 11331 ; PLF 13331 (cont.)

- 1. IN1
- 2. D1
- 3. S1
- 4. VR
- 5. -VEE
- 6. S2
- 7. D2
- 8. IN2
- 9. IN3
- 10. D3
- 11. S3
- 12. +VCC
- 13. Disable
- 14. S4
- 15. D4
- 16. IN4



PACKAGE MP-117 / TOP VIEW

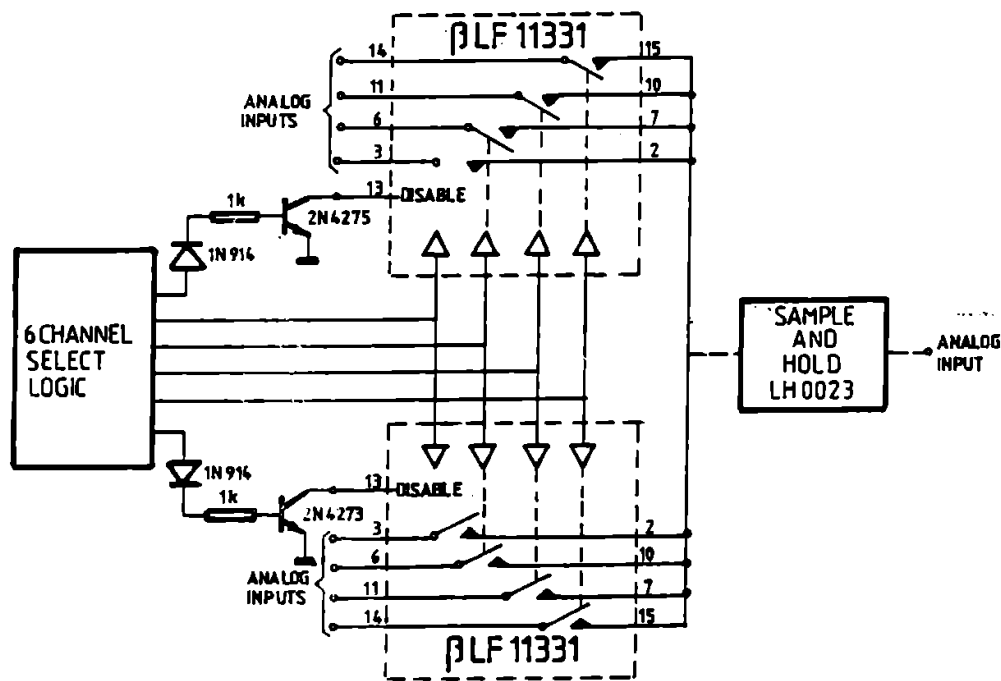
Typical applications



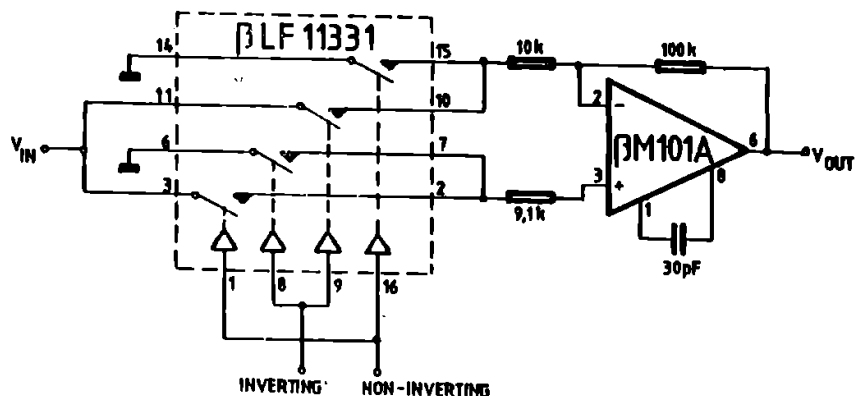
MULTIPLEXER / MIXER

PLF 11331 ; PLF 13331 (cont.)

Typical applications



**8 CHANNEL ANALOG COMMUTATOR
WITH 6 CHANNEL SELECT LOGIC**



**PROGRAMMABLE INVERTING NON-INVERTING
OPERATIONAL AMPLIFIER**