

**LINEAR
INTEGRATED
CIRCUITS
- OPERATIONAL -
- AMPLIFIERS -**



**βM 358N
βM 2904N
DUAL OPERATIONAL AMPLIFIERS**

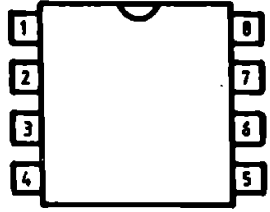
The integrated circuits βM 358N, βM 2904N consist of two independent, internally frequency compensated operational amplifiers, which were designed specifically to operate from a single power supply.

Their electrical characteristics and application areas are identical to operational amplifier βM 324, respectively βM 2902, mounted in the dual-in-line packages MP-48 with 8 leads.

Features

- Operating temperature		0 ... +125	oC
- Storage temperature		-55 ... +125	oC
- Supply voltage (+/-)	βM 358N ...	1.5 ... 16	V
	βM 2904N ...	1.5 ... 13	V
- Differential input voltage	βM 358N ...	max.	32 V
	βM 2904N ...	max.	26 V
- Input voltage	βM 358N ...	-0.3 ... 32	V
	βM 2904N ...	-0.3 ... 26	V
- Input current (VIN < - 0.3 V)		max.	50 mA
- Input offset voltage		max.	+/- 7 mV
- Input bias current		max.	250 nA
- Input offset current		max.	50 nA
- Supply current		max.	2 mA
- Large signal voltage gain		typ.	100 V/mV

- 1. Output 1
- 2. Input 1+
- 3. Input 1-
- 4. V-
- 5. Input 2+
- 6. Input 2-
- 7. Output 2
- 8. V+



PACKAGE MP-48 / TOP VIEW