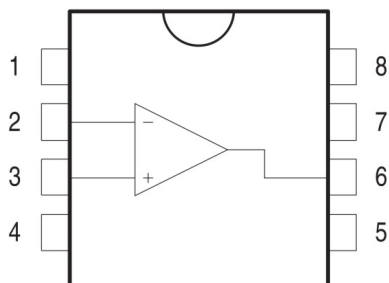


Document : extrait de la notice constructeur de l'ALI TL081

Pin connections
(top view)



- 1 - Offset null 1
- 2 - Inverting input
- 3 - Non-inverting input
- 4 - V_{CC}^-
- 5 - Offset null 2
- 6 - Output
- 7 - V_{CC}^+
- 8 - N.C.

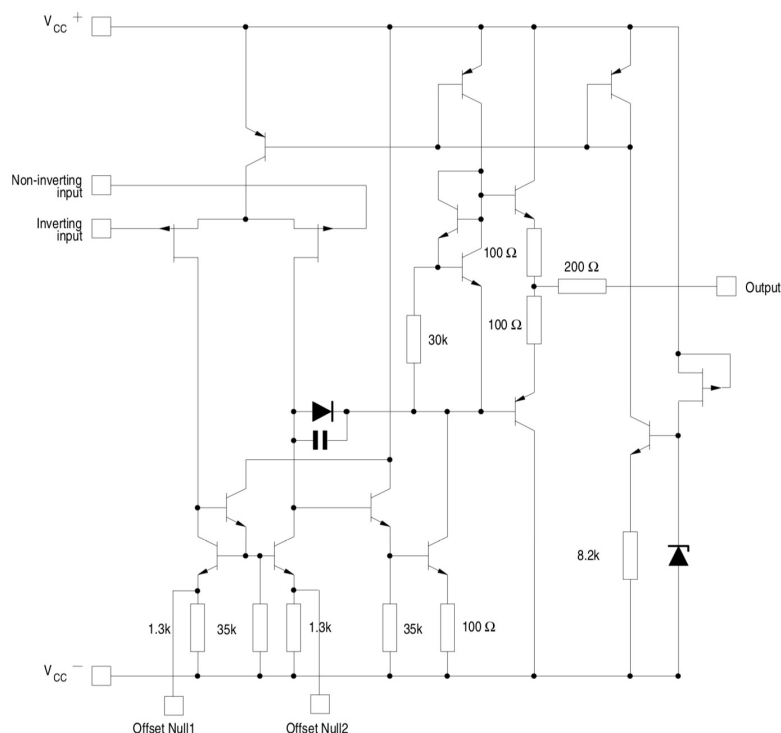


Diagramme schématique du TL 081

Table 3. $V_{CC} = \pm 15V$, $T_{amb} = +25^\circ C$ (unless otherwise specified) (continued)

Symbol	Parameter	TL081I, AC, AI, BC, BI			TL081C			Unit
		Min.	Typ.	Max.	Min.	Typ.	Max.	
t_r	Rise time ($T_{amb} = +25^\circ C$) $V_{in} = 20mV$, $R_L = 2k\Omega$, $C_L = 100pF$, unity gain		0.1			0.1		μs
K_{ov}	Overshoot ($T_{amb} = +25^\circ C$) $V_{in} = 20mV$, $R_L = 2k\Omega$, $C_L = 100pF$, unity gain		10			10		%
GBP	Gain bandwidth product ($T_{amb} = +25^\circ C$) $V_{in} = 10mV$, $R_L = 2k\Omega$, $C_L = 100pF$, $F = 100kHz$	2.5	4		2.5	4		MHz
R_i	Input resistance		10^{12}			10^{12}		Ω
THD	Total harmonic distortion ($T_{amb} = +25^\circ C$), $F = 1kHz$, $R_L = 2k\Omega$, $C_L = 100pF$, $A_v = 20dB$, $V_o = 2V_{pp}$		0.01			0.01		%
e_n	Equivalent input noise voltage $R_S = 100\Omega$, $F = 1kHz$		15			15		$\frac{nV}{\sqrt{Hz}}$
ϕ_m	Phase margin		45			45		degrees