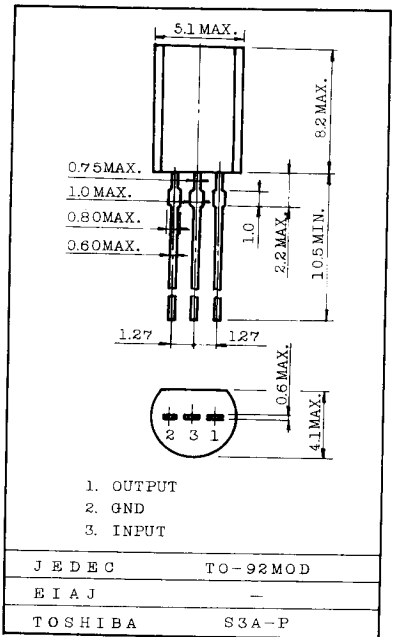


- 5V, 6V, 8V, 9V, 10V, 12V, 15V, 18V, 20V, 24V
- 3-TERMINAL NEGATIVE VOLTAGE REGULATORS

- Best suited to a power supply for TTL and C² MOS
- Built-in overcurrent protective circuit
- Built-in thermal protective circuit
- Max. output current 150mA (T_j = 25°C)
- Packaged in TO-92MOD

Unit in mm

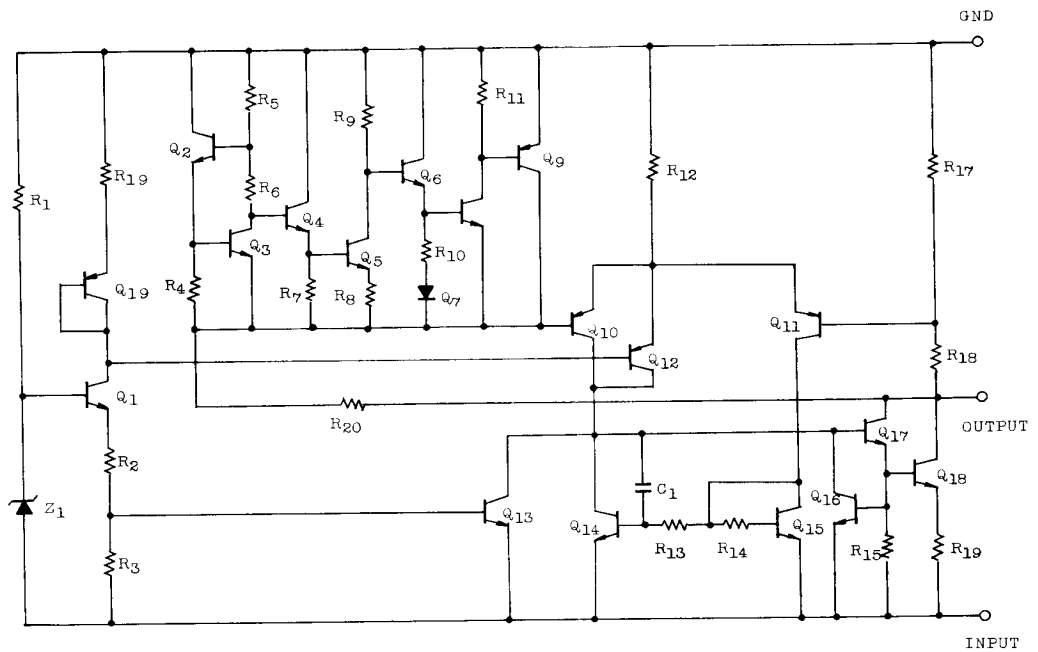


MAXIMUM RATINGS (T_a = 25°C)

CHARACTERISTIC		SYMBOL	RATING	UNIT
Input Voltage	TA79L005P	V _{IN}	-35	V
	TA79L006P			
	TA79L008P			
	TA79L009P			
	TA79L010P			
	TA79L012P			
	TA79L015P			
	TA79L018P			
	TA79L020P			
TA79L024P	-40			
Power Dissipation (T _c =25°C)		P _D	800	mW
Operating Temperature		T _{opr}	-30 ~ 75	°C
Storage Temperature		T _{stg}	-55 ~ 150	°C

TA79L005P ~ TA79L024P

EQUIVALENT CIRCUIT



ELECTRICAL CHARACTERISTICS
 $(V_{IN} = -10V, I_{OUT} = 40mA, C_{IN} = 0.33\mu F, C_{OUT} = 0.1\mu F, 0^{\circ}C \leq T_j \leq 125^{\circ}C)$

CHARACTERISTIC	SYMBOL	TEST CIR-CUIT	TEST CONDITION	MIN	TYP	MAX	UNIT
Output Voltage	V_{OUT}	1	$T_j = 25^{\circ}C$	-5.2	-5.0	-4.8	V
Input Regulation	Reg Line	1	$T_j = 25^{\circ}C$ $-7.0V \geq V_{IN} \geq -20V$	-	5.5	150	mV
			$-8.0V \geq V_{IN} \geq -20V$	-	4.5	100	
Load Regulation	Reg Load	1	$T_j = 25^{\circ}C$ $1.0mA \geq I_{OUT} \geq 100mA$	-	11	60	mV
			$1.0mA \geq I_{OUT} \geq 40mA$	-	5.0	30	
Output Voltage	V_{OUT}	1	$-7.0 \geq V_{IN} \geq -20V$ $1.0mA \geq I_{OUT} \geq 40mA$	-5.25	-	-4.75	V
			$V_{IN} = -10V$ $1.0mA \geq I_{OUT} \geq 70mA$	-5.25	-	-4.75	
Quiescent Current	I_B	1	$T_j = 25^{\circ}C$	-	3.1	6.0	mA
			$T_j = 125^{\circ}C$	-	-	5.5	
Quiescent Current Change	ΔI_{BO}	1	$-8.0V \geq V_{IN} \geq -20V$	-	-	1.5	mA
	ΔI_{BI}	1	$1.0mA \geq I_{OUT} \geq 40mA$	-	-	0.1	
Output Noise Voltage	V_{NO}	1	$T_a = 25^{\circ}C$ $10Hz \leq f \leq 100kHz$	-	40	-	μV
Long Term Stability	$\Delta V_{OUT} / \Delta t$	1		-	12	-	$mV / 1.0kHrs$
Ripple Rejection Ratio	RR	1	$-8.0V \geq V_{IN} \geq -18V$ $T_j = 25^{\circ}C, f = 120kHz$	41	49	-	dB
Dropout Voltage	$ V_{IN} - V_{OUT} $	1	$T_j = 25^{\circ}C, I_{OUT} = 40mA$	-	1.7	-	V
Average Temperature Coefficient of Output Voltage	T_{CVO}	1	$I_{OUT} = 5mA$	-	-0.6	-	$mV/^{\circ}C$

TA79L005P ~ TA79L024P

ELECTRICAL CHARACTERISTICS

($V_{IN} = -11V$, $I_{OUT} = 40mA$, $C_{IN} = 0.33\mu F$, $C_{OUT} = 0.1\mu F$, $0^{\circ}C \leq T_j \leq 125^{\circ}C$)

CHARACTERISTIC	SYMBOL	TEST CIR-CUIT	TEST CONDITION	MIN	TYP	MAX	UNIT
Output Voltage	V_{OUT}	1	$T_j = 25^{\circ}C$	-6.24	-6.0	-5.76	V
Input Regulation	Reg Line	1	$T_j = 25^{\circ}C$	-	50	150	mV
			$-8.1V \geq V_{IN} \geq -21V$	-	45	110	
Load Regulation	Reg Load	1	$T_j = 25^{\circ}C$	-	1?	70	mV
			$1.0mA \geq I_{OUT} \geq 100mA$	-	5.5	35	
Output Voltage	V_{OUT}	1	$-8.1V \geq V_{IN} \geq -21V$ $1.0mA \geq I_{OUT} \geq 40mA$	-6.3	-	-5.7	V
			$V_{IN} = -11V$ $1.0mA \geq I_{OUT} \geq 70mA$	-6.3	-	-5.7	
Quiescent Current	I_B	1	$T_j = 25^{\circ}C$	-	3.1	6.0	mA
			$T_j = 125^{\circ}C$	-	-	5.5	
Quiescent Current Change	ΔI_{BO}	1	$-9.0V \geq V_{IN} \geq -20V$	-	-	1.5	mA
	ΔI_{BI}	1	$1.0mA \geq I_{OUT} \geq 40mA$	-	-	0.1	
Output Noise Voltage	V_{NO}	1	$T_a = 25^{\circ}C$ $10Hz \leq f \leq 100kHz$	-	40	-	μV
Long Term Stability	$\Delta V_{OUT} / \Delta t$	1		-	14	-	$mV / 1.0kHrs$
Ripple Rejection Ratio	RR	1	$-9.0V \geq V_{IN} \geq -19V$ $T_j = 25^{\circ}C$, $f = 120kHz$	39	47	-	dB
Dropout Voltage	$ V_{IN} - V_{OUT} $	1	$T_j = 25^{\circ}C$, $I_{OUT} = 40mA$	-	1.7	-	V
Average Temperature Coefficient of Output Voltage	T_{CVO}	1	$I_{OUT} = 5mA$	-	-0.7	-	$mV/^{\circ}C$

ELECTRICAL CHARACTERISTICS

($V_{IN} = -14V$, $I_{OUT} = 40mA$, $C_{IN} = 0.33\mu F$, $C_{OUT} = 0.1\mu F$, $0^{\circ}C \leq T_j \leq 125^{\circ}C$)

CHARACTERISTIC	SYMBOL	TEST CIR-CUIT	TEST CONDITION	MIN	TYP	MAX	UNIT
Output Voltage	V_{OUT}	1	$T_j = 25^{\circ}C$	-8.3	-8.0	-7.7	V
Input Regulation	Reg Line	1	$T_j = 25^{\circ}C$	-10.5V $\geq V_{IN} \geq -23V$	-	20	175
				-11V $\geq V_{IN} \geq -23V$	-	12	125
Load Regulation	Reg Load	1	$T_j = 25^{\circ}C$	1.0mA $\geq I_{OUT} \geq 100mA$	-	15	80
				1.0mA $\geq I_{OUT} \geq 40mA$	-	7.0	40
Output Voltage	V_{OUT}	1	-10.5V $\geq V_{IN} \geq -23V$ 1.0mA $\geq I_{OUT} \geq 40mA$	-8.4	-	-7.6	V
			$V_{IN} = -14V$ 1.0mA $\geq I_{OUT} \geq 70mA$	-8.4	-	-7.6	
Quiescent Current	I_B	1	$T_j = 25^{\circ}C$	-	3.1	6.5	mA
			$T_j = 125^{\circ}C$	-	-	6.0	
Quiescent Current Change	ΔI_{BO}	1	-11V $\geq V_{IN} \geq -23V$	-	-	1.5	mA
	ΔI_{BI}	1	1.0mA $\geq I_{OUT} \geq 40mA$	-	-	0.1	
Output Noise Voltage	V_{NO}	1	$T_a = 25^{\circ}C$ 10Hz $\leq f \leq 100kHz$	-	60	-	μV
Long Term Stability	$\Delta V_{OUT} / \Delta t$	1		-	20	-	mV/ 1.0kHrs
Ripple Rejection Ratio	RR	1	-12V $\geq V_{IN} \geq -23V$ $T_j = 25^{\circ}C$, $f = 120kHz$	37	45	-	dB
Dropout Voltage	$ V_{IN} - V_{OUT} $	1	$T_j = 25^{\circ}C$, $I_{OUT} = 40mA$	-	1.7	-	V
Average Temperature Coefficient of Output Voltage	T_{CVO}	1	$I_{OUT} = 5mA$	-	-0.8	-	mV/ $^{\circ}C$

TA79L005P ~ TA79L024P

ELECTRICAL CHARACTERISTICS

($V_{IN} = -15V$, $I_{OUT} = 40mA$, $C_{IN} = 0.33\mu F$, $C_{OUT} = 0.1\mu F$, $0^\circ C \leq T_j \leq 125^\circ C$)

CHARACTERISTIC	SYMBOL	TEST CIRCUIT	TEST CONDITION		MIN	TYP	MAX	UNIT
Output Voltage	V _{OUT}	1	T _j = 25°C		-9.36	-9.0	-8.64	v
Input Regulation	Reg Line	1	T _j = 25°C	-11.4V ≥ V _{IN} ≥ -24V	-	80	200	mV
				-12V ≥ V _{IN} ≥ -24V	-	20	160	
Load Regulation	Reg Load	1	T _j = 25°C	1.0mA ≥ I _{OUT} ≥ 100mA	-	17	90	mV
				1.0mA ≥ I _{OUT} ≥ 40mA	-	8.0	45	
Output Voltage	V _{OUT}	1	-11.4V ≥ V _{IN} ≥ -24V 1.0mA ≥ I _{OUT} ≥ 40mA		-9.45	-	-8.55	V
			V _{IN} = -15V 1.0mA ≥ I _{OUT} ≥ 70mA		-9.45	-	-8.55	
Quiescent Current	I _B	1	T _j = 25°C		-	3.2	6.5	mA
			T _j = 125°C		-	-	6.0	
Quiescent Current Change	ΔI _{BO}	1	-12V ≥ V _{IN} ≥ -24V		-	-	1.5	mA
	ΔI _{BI}	1	1.0mA ≥ I _{OUT} ≥ 40mA		-	-	0.1	
Output Noise Voltage	V _{NO}	1	Ta = 25°C 10Hz ≤ f ≤ 100kHz		-	65	-	μV
Long Term Stability	ΔV _{OUT} / Δt	1			-	21	-	mV / 1.0kHrs
Ripple Rejection Ratio	RR	1	-12V ≥ V _{IN} ≥ -24V T _j = 25°C, f = 120kHz		36	44	-	dB
Dropout Voltage	V _{IN} - V _{OUT}	1	T _j = 25°C, I _{OUT} = 40mA		-	1.7	-	V
Average Temperature Coefficient of Output Voltage	T _{CV0}	1	I _{OUT} = 5mA		-	-0.85	-	mV / °C

ELECTRICAL CHARACTERISTICS
 $(V_{IN} = -16V, I_{OUT} = 40mA, C_{IN} = 0.33\mu F, C_{OUT} = 0.1\mu F, 0^{\circ}C \leq T_j \leq 125^{\circ}C)$

CHARACTERISTIC	SYMBOL	TEST CIRCUIT	TEST CONDITION	MIN	TYP	MAX	UNIT
Output Voltage	V_{OUT}	1	$T_j = 25^{\circ}C$	-10.4	-10.0	-9.6	V
Input Regulation	Reg Line	1	$T_j = 25^{\circ}C$ $-12.5V \geq V_{IN} \geq -25V$	-	80	230	mV
			$-13V \geq V_{IN} \geq -25V$	-	30	170	
Load Regulation	Reg Load	1	$T_j = 25^{\circ}C$ $1.0mA \geq I_{OUT} \geq 100mA$	-	18	90	mV
			$1.0mA \geq I_{OUT} \geq 40mA$	-	8.5	45	
Output Voltage	V_{OUT}	1	$-12.5V \geq V_{IN} \geq -25V$ $1.0mA \geq I_{OUT} \geq 40mA$	-10.5	-	-9.5	V
			$V_{IN} = -16V$ $1.0mA \geq I_{OUT} \geq 70mA$	-10.5	-	-9.5	
Quiescent Current	I_B	1	$T_j = 25^{\circ}C$	-	3.2	6.5	mA
			$T_j = 125^{\circ}C$	-	-	6.0	
Quiescent Current Change	ΔI_{BO}	1	$-13V \geq V_{IN} \geq -25V$	-	-	1.5	mA
	ΔI_{BI}	1	$1.0mA \geq I_{OUT} \geq 40mA$	-	-	0.1	
Output Noise Voltage	V_{NO}	1	$T_a = 25^{\circ}C$ $10Hz \leq f \leq 100kHz$	-	70	-	μV
Long Term Stability	$\Delta V_{OUT} / \Delta t$	1		-	22	-	$mV / 1.0kHrs$
Ripple Rejection Ratio	RR	1	$-13V \geq V_{IN} \geq -24V$ $T_j = 25^{\circ}C, f = 120kHz$	36	43	-	dB
Dropout Voltage	$ V_{IN} - V_{OUT} $	1	$T_j = 25^{\circ}C, I_{OUT} = 40mA$	-	1.7	-	V
Average Temperature Coefficient of Output Voltage	T_{CVO}	1	$I_{OUT} = 5mA$	-	-0.9	-	$mV/^{\circ}C$

TA79L005P ~ TA79L024P

ELECTRICAL CHARACTERISTICS

($V_{IN} = -19V$, $I_{OUT} = 40mA$, $C_{IN} = 0.33\mu F$, $C_{OUT} = 0.1\mu F$, $0^\circ C \leq T_j \leq 125^\circ C$)

CHARACTERISTIC	SYMBOL	TEST CIR-CUIT	TEST CONDITION		MIN	TYP	MAX	UNIT
Output Voltage	V _{OUT}	1	T _j = 25°C		-12.5	-12.0	-11.5	V
Input Regulation	Reg Line	1	T _j = 25°C	-14.5V ≥ V _{IN} ≥ -27V	-	120	250	mV
				-16V ≥ V _{IN} ≥ -27V	-	100	200	
Load Regulation	Reg Load	1	T _j = 25°C	1.0mA ≥ I _{OUT} ≥ 100mA	-	20	100	mV
				1.0mA ≥ I _{OUT} ≥ 40mA	-	10	50	
Output Voltage	V _{OUT}	1	-14.5V ≥ V _{IN} ≥ -27V 1.0mA ≥ I _{OUT} ≥ 40mA		-12.6	-	-11.4	V
			V _{IN} = -19V 1.0mA ≥ I _{OUT} ≥ 70mA		-12.6	-	-11.4	
Quiescent Current	I _B	1	T _j = 25°C		-	3.2	6.5	mA
			T _j = 125°C		-	-	6.0	
Quiescent Current Change	ΔI _{BO}	1	-16V ≥ V _{IN} ≥ -27V		-	-	1.5	mA
	ΔI _{BI}	1	1.0mA ≥ I _{OUT} ≥ 40mA		-	-	0.1	
Output Noise Voltage	V _{NO}	1	T _a = 25°C 10Hz ≤ f ≤ 100kHz		-	80	-	μV
Long Term Stability	ΔV _{OUT} / Δt	1			-	24	-	mV / 1.0kHrs
Ripple Rejection Ratio	RR	1	-15V ≥ V _{IN} ≥ -25V T _j = 25°C, f = 120kHz		37	42	-	dB
Dropout Voltage	V _{IN} - V _{OUT}	1	T _j = 25°C, I _{OUT} = 40mA		-	1.7	-	V
Average Temperature Coefficient of Output Voltage	T _{CV0}	1	I _{OUT} = 5mA		-	-1.0	-	mV / °C

ELECTRICAL CHARACTERISTICS
 $(V_{IN} = -23V, I_{OUT} = 40mA, C_{IN} = 0.33\mu F, C_{OUT} = 0.1\mu F, 0^{\circ}C \leq T_j \leq 125^{\circ}C)$

CHARACTERISTIC	SYMBOL	TEST CIR-CUIT	TEST CONDITION	MIN	TYP	MAX	UNIT
Output Voltage	V_{OUT}	1	$T_j = 25^{\circ}C$	-15.6	-15.0	-14.4	V
Input Regulation	Reg Line	1	$T_j = 25^{\circ}C$ $-17.5V \geq V_{IN} \geq -30V$	-	130	300	mV
			$-20V \geq V_{IN} \geq -30V$	-	110	250	
Load Regulation	Reg Load	1	$T_j = 25^{\circ}C$ $1.0mA \geq I_{OUT} \geq 100mA$	-	25	150	mV
			$1.0mA \geq I_{OUT} \geq 40mA$	-	12	75	
Output Voltage	V_{OUT}	1	$-17.5V \geq V_{IN} \geq -30V$ $1.0mA \geq I_{OUT} \geq 40mA$	-15.75	-	-14.25	V
			$V_{IN} = -23V$ $1.0mA \geq I_{OUT} \geq 70mA$	-15.75	-	-14.25	
Quiescent Current	I_B	1	$T_j = 25^{\circ}C$	-	3.3	6.5	mA
			$T_j = 125^{\circ}C$	-	-	6.0	
Quiescent Current Change	ΔI_{BO}	1	$-20V \geq V_{IN} \geq -30V$	-	-	1.5	mA
	ΔI_{BI}	1	$1.0mA \geq I_{OUT} \geq 40mA$	-	-	0.1	
Output Noise Voltage	V_{NO}	1	$T_a = 25^{\circ}C$ $10Hz \leq f \leq 100kHz$	-	90	-	μV
Long Term Stability	$\Delta V_{OUT} / \Delta t$	1		-	30	-	$mV / 1.0kHrs$
Ripple Rejection Ratio	RR	1	$-18.5V \geq V_{IN} \geq -28.5V$ $T_j = 25^{\circ}C, f = 120kHz$	34	39	-	dB
Dropout Voltage	$ V_{IN} - V_{OUT} $	1	$T_j = 25^{\circ}C, I_{OUT} = 40mA$	-	1.7	-	V
Average Temperature Coefficient of Output Voltage	T_{CVO}	1	$I_{OUT} = 5mA$	-	-1.3	-	$mV / ^{\circ}C$

TA79L005P ~ TA79L024P

ELECTRICAL CHARACTERISTICS

($V_{IN} = -27V$, $I_{OUT} = 40mA$, $C_{IN} = 0.33\mu F$, $C_{OUT} = 0.1\mu F$, $0^\circ C \leq T_j \leq 125^\circ C$)

CHARACTERISTIC	SYMBOL	TEST CIR-CUIT	TEST CONDITION	MIN	TYP	MAX	UNIT
Output Voltage	V_{OUT}	1	$T_j = 25^\circ C$	-18.7	-18.0	-17.3	V
Input Regulation	Reg Line	1	$T_j = 25^\circ C$ $-20.7V \geq V_{IN} \geq -33V$	-	32	325	mV
			$-21V \geq V_{IN} \geq -33V$	-	27	275	
Load Regulation	Reg Load	1	$T_j = 25^\circ C$ $1.0mA \geq I_{OUT} \geq 100mA$	-	30	170	mV
			$1.0mA \geq I_{OUT} \geq 40mA$	-	15	75	
Output Voltage	V_{OUT}	1	$-20.9V \geq V_{IN} \geq -33V$ $1.0mA \geq I_{OUT} \geq 40mA$	-18.9	-	-17.1	V
			$V_{IN} = -27V$ $1.0mA \geq I_{OUT} \geq 70mA$	-18.9	-	-17.1	
Quiescent Current	ΔI_B	1	$T_j = 25^\circ C$	-	3.3	6.5	mA
			$T_j = 125^\circ C$	-	-	6.0	
Quiescent Current Change	ΔI_{BO}	1	$-21V \geq V_{IN} \geq -33V$	-	-	1.5	mA
	ΔI_{BI}	1	$1.0mA \geq I_{OUT} \geq 40mA$	-	-	0.1	
Output Noise Voltage	V_{NO}	1	$T_a = 25^\circ C$ $10Hz \leq f \leq 100kHz$	-	150	-	μV
Long Term Stability	$\Delta V_{OUT} / \Delta t$	1		-	45	-	mV/ 1.0kHrs
Ripple Rejection Ratio	RR	1	$-23V \geq V_{IN} \geq -33V$ $T_j = 25^\circ C$, $f = 120kHz$	33	48	-	dB
Dropout Voltage	$ V_{IN} - V_{OUT} $	1	$T_j = 25^\circ C$, $I_{OUT} = 40mA$	-	1.7	-	V
Average Temperature Coefficient of Output Voltage	T_{CVO}	1	$I_{OUT} = 5mA$	-	-1.5	-	mV/ $^\circ C$

ELECTRICAL CHARACTERISTICS

($V_{IN} = -29V$, $I_{OUT} = 40mA$, $C_{IN} = 0.33\mu F$, $C_{OUT} = 0.1\mu F$, $0^\circ C \leq T_j \leq 125^\circ C$)

CHARACTERISTIC	SYMBOL	TEST CIR-CUIT	TEST CONDITION		MIN	TYP	MAX	UNIT
Output Voltage	V _{OUT}	1	T _j = 25°C		-20.8	-20.0	-19.2	v
Input Regulation	Reg Line	1	T _j = 25°C	-23.5V ≥ V _{IN} ≥ -35V	-	33	330	mV
				-24V ≥ V _{IN} ≥ -35V	-	28	285	
Load Regulation	Reg Load	1	T _j = 25°C	1.0mA ≥ I _{OUT} ≥ 100mA	-	33	180	mV
				1.0mA ≥ I _{OUT} ≥ 40mA	-	17	90	
Output Voltage	V _{OUT}	1	-23.5V ≥ V _{IN} ≥ 35V 1.0mA ≥ I _{OUT} ≥ 40mA		-21.0	-	-19.0	v
			V _{IN} = -29V 1.0mA ≥ I _{OUT} ≥ 70mA		-21.0	-	-19.0	
Quiescent Current	I _B	1	T _j = 25°C		-	3.3	6.5	mA
			T _j = 125°C		-	-	6.0	
Quiescent Current Change	ΔI _{BO}	1	-24V ≥ V _{IN} ≥ -35V		-	-	1.5	mA
	ΔI _{BI}	1	10mA ≥ I _{OUT} ≥ 40mA		-	-	0.1	
Output Noise Voltage	V _{NO}	1	Ta = 25°C 10Hz ≤ f ≤ 100kHz		-	170	-	μV
Long Term Stability	ΔV _{OUT} /Δt	1			-	49	-	mV/ 1.0kHrs
Ripple Rejection Ratio	RR	1	-27V ≥ V _{IN} ≥ -35V T _j = 25°C, f = 120kHz		31	37	-	dB
Dropout Voltage	V _{IN} - V _{OUT}	1	T _j = 25°C, I _{OUT} = 40mA		-	1.7	-	v
Average Temperature Coefficient of Output Voltage	T _{CVO}	1	I _{OUT} = 5mA		-	-1.7	-	mV/°C

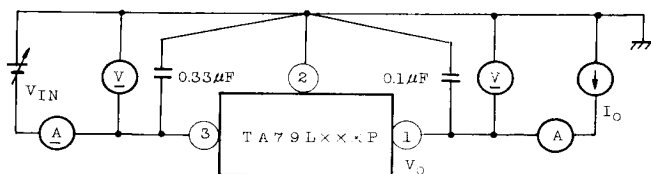
TA79L005P ~ TA79L024P

ELECTRICAL CHARACTERISTICS

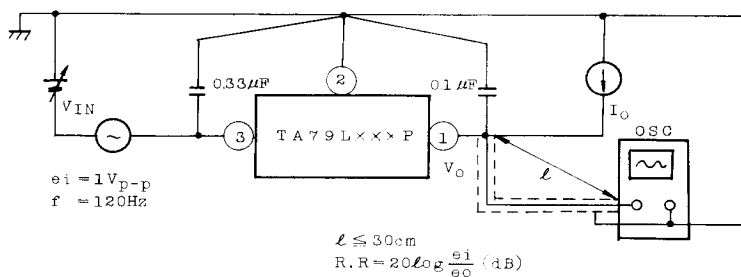
($V_{IN} = -33V$, $I_{OUT} = 40mA$, $C_{IN} = 0.33\mu F$, $C_{OUT} = 0.1\mu F$, $0^\circ C \leq T_j \leq 125^\circ C$)

CHARACTERISTIC	SYMBOL	TEST CIR-CUIT	TEST CONDITION		MIN	TYP	MAX	UNIT
Output Voltage	V _{OUT}	1	T _j = 25°C		-25.0	-24.0	-23.0	V
Input Regulation	Reg Line	1	T _j = 25°C	-27V ≥ V _{IN} ≥ -38V	-	35	350	mV
				-28V ≥ V _{IN} ≥ -38V	-	30	300	
Load Regulation	Reg Load	1	T _j = 25°C	1.0mA ≥ I _{OUT} ≥ 100mA	-	40	200	mV
				1.0mA ≥ I _{OUT} ≥ 40mA	-	20	100	
Output Voltage	V _{OUT}	1	-27V ≥ V _{IN} ≥ -38V 1.0mA ≥ I _{OUT} ≥ 40mA		-25.2	-	-22.8	V
			V _{IN} = -33V 10mA ≥ I _{OUT} ≥ 70mA		-25.2	-	-22.8	
Quiescent Current	I _B	1	T _j = 25°C		-	3.5	6.5	mA
			T _j = 125°C		-	-	6.0	
Quiescent Current Change	ΔI _{BO}	1	-28V ≥ V _{IN} ≥ -38V		-	-	1.5	mA
	ΔI _{BI}	1	1.0mA ≥ I _{OUT} ≥ 40mA		-	-	0.1	
Output Noise Voltage	V _{NO}	1	T _a = 25°C 10Hz ≤ f ≤ 100kHz		-	200	-	μV
Long Term Stability	ΔV _{OUT} / Δt	1			-	56	-	mV / 1.0kHrs
Ripple Rejection Ratio	RR	1	-29V ≥ V _{IN} ≥ -35V T _j = 25°C, f = 120kHz		31	47	-	dB
Dropout Voltage	V _{IN} - V _{OUT}	1	T _j = 25°C, I _{OUT} = 40mA		-	1.7	-	V
Average Temperature Coefficient of Output Voltage	T _{CVO}	1	I _{OUT} = 5mA		-	-2.0	-	mV / °C

TEST CIRCUIT 1



TEST CIRCUIT 2



TEST CIRCUIT 3

