

Integrated Circuits

Operational amplifiers with NPN input

Single op amps

Type	Operating range			Characteristics ($T_{amb} = 25^{\circ}\text{C}$, $V_S = 15\text{ V}$)					Package outlines	
	V_S V	T_{amb} $^{\circ}\text{C}$	I_Q mA	V_{IO} mV	I_I μA	dvq/dtr V/ μs	V_{IC} V	G_{V0} dB	Pin configuration, figure	Type
TAA 761 G*	$\pm 1,5 \dots \pm 18$	0...70	70	± 6	0,5	18	± 12	85	2	SO 6
TAA 765 G*	$\pm 1,5 \dots \pm 18$	-25...85	70	± 6	0,5	18	± 12	85	2	SO 6
TAA 861 G*	$\pm 1,5 \dots \pm 10$	0...70	70	± 10	0,5	18	± 8	80	2	SO 6
TAA 865 G*	$\pm 1,5 \dots \pm 10$	-25...85	70	± 10	0,5	18	± 8	80	2	SO 6
TAA 761 K	$\pm 1,5 \dots \pm 18$	0...70	70	± 6	0,5	18	± 12	85	1	MICROPACK

Operational amplifiers with PNP input

Single op amps

TAB 1453 G	$\pm 1,0 \dots \pm 18$	0...85	70	± 6	0,04	20	-15,2/ +13	85	2	SO 6
TAE 1453 G	$\pm 1,0 \dots \pm 18$	-25...85	70	± 4	0,04	20	-15,2/ +13	85	2	SO 6

Dual op amps

TAB 2453 G	$\pm 1,0 \dots \pm 18$	0...70	70	± 6	0,04	1,0	-15,2/ +13	85	3	SO 8
TAE 2453 G	$\pm 1,0 \dots \pm 18$	-25...85	70	± 4	0,04	1,0	-15,2/ +13,5	85	3	SO 8

Quad op amps

TAB 4453 G	$\pm 1,0 \dots \pm 18$	0...70	70	± 6	0,04	1,0	-15,2/ +13	85	16	SO 14
TAE 4453 G	$\pm 1,0 \dots \pm 18$	-25...85	70	± 4	0,04	1,0	-15,2/ +13,5	85	16	SO 14

Operational amplifiers with darlington input

Single op amps

TCA 311 G*	$\pm 2 \dots \pm 15$	0...70	70	± 15	0,03	30	± 13	75	5	SO 6
TCA 315 G*	$\pm 2 \dots \pm 15$	-25...85	70	± 15	0,03	30	± 13	75	5	SO 6
TCA 331 G*	$\pm 2 \dots \pm 15$	0...70	70	± 15	0,03	18	± 13	80	6	SO 6
TCA 335 G*	$\pm 2 \dots \pm 15$	-25...85	70	± 15	0,03	18	± 13	80	6	SO 6

Operational amplifiers with TTL-compatible output voltage

Single op amps

TCA 321 G*	$\pm 2 \dots \pm 15$	0...70	70	$\pm 7,5$	0,05	50	± 13	70	5	SO 6
TCA 325 G*	$\pm 2 \dots \pm 15$	-25...85	70	$\pm 7,5$	0,05	50	± 13	70	5	SO 6

Operational amplifiers with push-pull output

Single op amps

TBA 221 G*	$\pm 4 \dots \pm 18$	0...70	—	± 6	0,08	0,5	± 13	100	8	SO 8
TBB 741 G*	$\pm 4 \dots \pm 18$	0...70	—	± 6	0,08	0,5	± 13	100	7	SO 8

Dual op amps

TBB 1458 G	$\pm 4 \dots \pm 18$	0...70	—	± 6	0,08	0,5	± 13	100	3	SO 8
------------	----------------------	--------	---	---------	------	-----	----------	-----	---	------

*) Also available in miniature plastic package W (not bent and cut)