



Transistors

ROHM

• PNP Transistors (TO-92)
General Purpose Small Signal Amplifiers

T-27-01

T-37-01

Type	Package (Fig. 1)	BV_{CBO} Min.	BV_{CEO} Min.	BV_{EBO} Min.	I_{CBO} Max. @ V_{CB}	h_{FE} Min. Max. @ I_C & V_{CE}	$V_{CE(sat)}$ Max. & $V_{BE(sat)}$ Max. @ I_C	C_{ob} Max.	f_T Min. @ I_C	t_{off} Max.	I_C Max.
2N3702 MPS3702	TO-92 (ECB) (EBC)	40V	25V	5V	100nA 20V	60 300 50mA 5V	0.25V 1.0V 50mA	12pF	100MHz 50mA		200mA
2N3703 MPS3703	TO-92 (ECB) (EBC)	50V	30V	5V	100nA 20V	30 150 50mA 5V	0.25V 1.0V 50mA	12pF	100MHz 50mA		200mA
2N3058 RN4058	TO-92 (ECB) (EBC)	30V	30V	6V	100nA 20V	100 400 100μA 5V	0.7V 10mA			5dB	30mA
2N4059 RN4059	TO-92 (ECB) (EBC)	30V	30V	6V	100nA 20V	45 660 1.0mA 5V	0.7V 10mA				30mA
2N4060 RN4060	TO-92 (ECB) (EBC)	30V	30V	6V	100nA 20V	45 165 1.0mA 5V	0.7V 10mA				30mA
2N4061 RN4061	TO-92 (ECB) (EBC)	30V	30V	6V	100nA 20V	90 330 1.0mA 5V	0.7V 10mA				30mA
2N4062 RN4062	TO-92 (ECB) (EBC)	30V	30V	6V	100nA 20V	180 660 1.0mA 5V	0.7V 10mA				30mA
2N5086	TO-92 (EBC)	50V	50V	3V	50nA 35V	150 500 100μA 5V 25 1.0mA 5V 150 10mA 5V	0.3V 10mA	4pF	40MHz 0.5mA	3dB	50mA
2N5087	TO-92 (EBC)	50V	50V	3V	50nA 35V	250 800 100μA 5V 250 1.0mA 5V 250 10mA 5V	0.3V 10mA	4pF	40MHz 0.5mA	2dB	50mA
2N5227	TO-92 (EBC)	30V	30V	3V	100nA 10V	30 100μA 10V 50 700 2mA 10V	0.4V 1.0V 10mA	5pF	100MHz 10mA		50mA
MPS-A70	TO-92 (EBC)	40V	40V	4V	100nA 30V	40 400 5mA 10V	0.25V 10mA	4pF	125MHz 5mA		100mA

General Purpose Amplifiers and Switches

Type	Package (Fig. 1)	BV_{CBO} Min.	BV_{CEO} Min.	BV_{EBO} Min.	I_{CBO} Max. @ V_{CB}	h_{FE} Min. Max. @ I_C & V_{CE}	$V_{CE(sat)}$ Max. & $V_{BE(sat)}$ Max. @ I_C	C_{ob} Max.	f_T Min. @ I_C	t_{off} Max.	I_C Max.
PN2904	TO-92 (EBC)	60V	40V	5V	20nA 50V	20 0.1mA 10V 25 1.0mA 10V 35 10mA 10V 40 120 150mA 10V 20 500mA 10V	0.4V 1.3V 150mA 1.6V 2.6V 500mA	8pF	200MHz 50mA	180ns	800mA
PN2904A	TO-92 (EBC)	60V	60V	5V	10nA 50V	40 0.1mA 10V 40 1.0mA 10V 40 10mA 10V 40 120 150mA 10V 40 500mA 10V	0.4V 1.3V 150mA 1.6V 2.6V 500mA	8pF	200MHz 50mA	180ns	800mA
PN2905	TO-92 (EBC)	60V	40V	5V	20nA 50V	35 0.1mA 10V 50 1.0mA 10V 75 10mA 10V 100 300 150mA 10V 30 500mA 10V	0.4V 1.3V 150mA 1.6V 2.6V 500mA	8pF	200MHz 50mA	180ns	800mA
PN2905A	TO-92 (EBC)	60V	60V	5V	10nA 50V	75 0.1mA 10V 100 1.0mA 10V 100 10mA 10V 100 300 150mA 10V 50 500mA 10V	0.4V 1.3V 150mA 1.6V 2.6V 500mA	8pF	200MHz 50mA	180ns	800mA
PN2906	TO-92 (EBC)	60V	40V	5V	20nA 50V	20 0.1mA 10V 25 1.0mA 10V 35 10mA 10V 40 120 150mA 10V 20 500mA 10V	0.4V 1.3V 150mA 1.6V 2.6V 500mA	8pF	200MHz 50mA	180ns	800mA
PN2906A	TO-92 (EBC)	60V	60V	5V	10nA 50V	40 0.1mA 10V 40 1.0mA 10V 40 10mA 10V 0 120 150mA 10V 40 500mA 10V	0.4V 1.3V 150mA 1.6V 2.6V 500mA	8pF	200MHz 50mA	180ns	800mA
PN2907	TO-92 (EBC)	60V	40V	5V	20nA 50V	35 0.1mA 10V 50 1.0mA 10V 75 10mA 10V 100 300 150mA 10V 30 500mA 10V	0.4V 1.3V 150mA 1.6V 2.6V 500mA	8pF	200MHz 50mA	180ns	800mA
PN2907A	TO-92 (EBC)	60V	60V	5V	10nA 50V	75 0.1mA 10V 100 1.0mA 10V 100 10mA 10V 100 300 150mA 10V 50 500mA 10V	0.4V 1.3V 150mA 1.6V 2.6V 500mA	8pF	200MHz 50mA	180ns	800mA