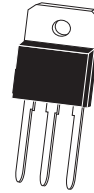


Power Transistors

TO-218 Case*

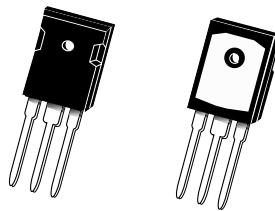
NPN High Voltage Switching



TYPE NO.	I _C (A)	P _D (W)	BV _{CBO} (V)	BV _{CEO} (V)	V _{CE(SAT)} (V)	@ I _C (A)	@ I _B (mA)	t _{off} (μs)	f _T (MHz)
			MIN	MIN	MAX			†TYP MAX	†TYP MIN
2N6931**	10	150	350	300	1.0	10	2,000	3.0	--
2N6932**	10	150	450	400	1.0	10	2,000	3.0	--
2N6933**	15	175	450	300	1.0	15	3,000	3.0	--
2N6934**	15	175	550	350	1.0	15	3,000	3.0	--
2N6935**	15	175	650	400	1.0	15	3,000	3.0	--
BU426**	6.0	115	800	375	1.5	2.5	500	4.0	--
BU426A**	6.0	115	900	400	1.5	2.5	500	4.0	--
BU508**	8.0	125	1,000	700	5.0	4.5	2,000	--	7.0†
BU508A**	8.0	125	1,500	700	1.0	4.5	2,000	--	7.0†
BU508D**	8.0	125	1,500	700	1.0	4.5	2,000	--	7.0†
BUV47**	9.0	100	850	400	1.5	6.0	1,200	3.3	--
BUV47A**	9.0	100	1,000	450	1.5	5.0	1,000	3.8	--
BUV48**	15	125	850	400	1.5	10	2,000	3.8	--
BUV48A**	15	125	1,000	450	1.5	8.0	1,600	3.5	--
TIP51**	3.0	100	350	250	1.5	3.0	600	2.0†	2.5
TIP52**	3.0	100	400	300	1.5	3.0	600	2.0†	2.5
TIP53**	3.0	100	450	350	1.5	3.0	600	2.0†	2.5
TIP54**	3.0	100	500	400	1.5	3.0	600	2.0†	2.5

**Available on special order only; Please consult factory.

*Devices are also available in TO-247 Case
(isolated mounting hole) on special order.



Top View

Bottom View

TO-247 Case

Central
Semiconductor Corp.

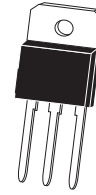
www.centrasemi.com

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Power Transistors

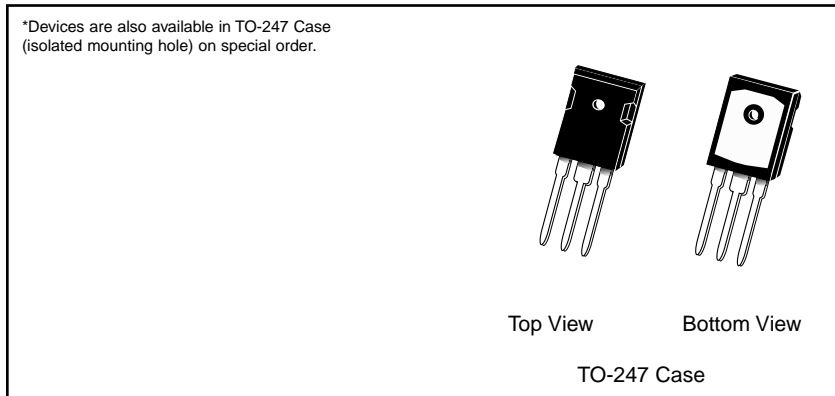
TO-218 Case* (Continued)

General Purpose Amplifier



TYPE NO.		I_C	P_D	BV_{CBO}	BV_{CEO}	h_{FE}		$@ I_C$	$@ V_{CE}$	$V_{CE(SAT)}$	$@ I_C$	f_T
NPN	PNP	(A)	(W)	(V) MIN	(V) MIN	MIN	MAX	(A)	(V)	(V) MAX	(A)	(MHz) **TYP MIN
BDV65	BDV64	12	125	60	60	1,000	--	5.0	4.0	2.0	5.0	60**
BDV65A	BDV64A	12	125	80	80	1,000	--	5.0	4.0	2.0	5.0	60**
BDV65B	BDV64B	12	125	100	100	1,000	--	5.0	4.0	2.0	5.0	60**
BDW83A	BDW84A	15	130	60	60	750	20,000	6.0	3.0	2.5	6.0	--
BDW83B	BDW84B	15	130	80	80	750	20,000	6.0	3.0	2.5	6.0	--
BDW83C	BDW84C	15	130	100	100	750	20,000	6.0	3.0	2.5	6.0	--
TIP33A	TIP34A	10	80	60	60	20	100	3.0	4.0	1.0	3.0	3.0
TIP33B	TIP34B	10	80	80	80	20	100	3.0	4.0	1.0	3.0	3.0
TIP33C	TIP34C	10	80	100	100	20	100	3.0	4.0	1.0	3.0	3.0
TIP35A	TIP36A	25	125	60	60	10	75	15	4.0	1.8	15	3.0
TIP35B	TIP36B	25	125	80	80	10	75	15	4.0	1.8	15	3.0
TIP35C	TIP36C	25	125	100	100	10	75	15	4.0	1.8	15	3.0
TIP140	TIP145	10	125	60	60	1,000	--	5.0	4.0	3.0	10	--
TIP141	TIP146	10	125	80	80	1,000	--	5.0	4.0	3.0	10	--
TIP142	TIP147	10	125	100	100	1,000	--	5.0	4.0	3.0	10	--
TIP3055	TIP2955	15	90	100	60	20	100	4.0	4.0	1.1	4.0	3.0

Shaded areas indicate Darlington.



(6-December 2004)