EPITAXIAL PLANAR - TO-66

NPN	PNP	V_{CBO} (V)	V_{CEO} (V)	I_C (A)	P_{tot} (W)	h_{FE} @ min	I_C/V_{CE} (A/V)	$V_{CE\ sat}$ @ max (V)	I_C/I_B (A/mA)	PACKAGE
BUR10		100	80	5	30	40	1/2	1	5/500	TO-66
BUR11		300	200	20	175	15	10/5	0.8	10/1000	
BUR12		200	120	10	40	80	1/5	0.5	5/500	
BUX77	BUX78	100	80	5	40	30	5/5	1	5/500	
2N4910	2N4898	40	40	4	25	20	0.5/1	0.6	1/100	
2N4911	2N4899	60	60	4	25	20	0.5/1	0.6	1/100	
2N4912	2N4900	80	80	4	25	20	0.5/1	0.6	1/100	
2N5427		80	80	7	40	20	5/2	1.2	7/700	
2N5428		80	80	7	40	40	5/2	1.2	7/700	
2N5429		100	100	7	40	20	5/2	1.2	7/700	
2N5430		100	100	7	40	40	5/2	1.2	7/700	

*TO-59 •TO-63

MULTIEPITAXIAL PLANAR

NPN and PNP types
I_C range up to 70 A
Good h_{FE} linearity
Very low leakage
High switching speed
High $E_{s/b}$ capability
Total base-collector passivation

MULTIEPITAXIAL PLANAR - TO-220

NPN	V_{CBO} (V)	V_{CEO} (V)	I_C (A)	P_{tot} (W)	h_{FE} • min	I_C/V_{CE} (A/V)	$V_{CE\ sat}$ • max (V)	I_C/I_B (A/mA)	PACKAGE
BU910	400	350	6	60	20	4/1.8	1.8	2.5/50	TO-220
BU911	450	400	6	60	20	4/1.8	1.8	2.5/50	
BU912	500	450	6	60	20	4/1.8	1.8	2.0/50	

* Darlington types

MULTIEPITAXIAL PLANAR - TO-3

NPN	V_{CBO} (V)	V_{CEO} (V)	I_C (A)	P_{tot} (W)	$V_{CE\ sat}$ • max (V)	I_C/I_B (A/A)	t_f • (μs)	I_C/I_B (A/A)	PACKAGE
BDY57	120	80	25	175	1.4	10/1	2(*)	15/1.5	TO-3
BDY58	160	125	25	175	1.4	10/1	2(*)	15/1.5	
BDY90	120	100	10	60	1.5	10/1	0.2	5/0.5	
BDY91	100	80	10	60	1.5	10/1	0.2	5/0.5	
BDY92	80	60	10	60	1	10/1	0.2	5/0.5	
BUR13	200	125	70	250	1.8	50/5	0.5	50/5	
BUR20	200	125	50	250	1.5	50/5	0.3	50/5	
BUR21	300	200	40	250	1.5	25/3	0.4	25/3	
BUR22	350	250	40	250	1.5	20/2.5	0.5	20/2.5	
BUR50	200	125	70	350	1.5	70/7	0.5	70/7	
BUR51	300	200	60	350	1.5	50/5	0.6	50/5	
BUR52	350	250	60	350	1.5	40/4	0.6	40/4	
BUX10	160	125	25	150	1.2	20/2	0.3	20/2	
BUX11	250	200	20	150	1.5	12/1.5	0.4	12/1.5	
BUX11N	220	160	20	150	1.5	15/1.88	0.5	15/1.88	
BUX12	300	250	20	150	1.5	10/1.25	0.5	10/1.25	
BUX20	160	125	50	350	1.2	50/5	0.3	50/5	
BUX21	250	200	40	350	1.5	25/3	0.4	25/3	
BUX22	300	250	40	350	1.5	20/2.5	0.5	20/2.5	
BUX40	160	125	20	120	1.6	15/1.88	0.4	15/1.88	

* t_{off} •TO-63