

Silicon NPN Transistors

Type	Construction	P _c Max. (mW)	Typical f_T or $*f_1$ † fab (MHz)	Absolute Max. Ratings				Typical h_{FE} at (mA) (or $*h_{fe}$)	Max ICBO at VCB		Application	Base Ref.
				V _{CB0} (V)	V _{CE0} (V)	V _{EB0} (V)	I _C (mA)		μA	V		

JOSEPH LUCAS (ELECTRICAL) Ltd (Continued)

Current Types (Continued)

DT1322	DJ	5W	2.5	100	60	12	1.5A	80 at 200	—	—	} General purpose	2
2N6263	DJ	20W	0.8	140	120	7	3A	60 at 500	—	—		51
DT3312	DJ	25W	0.8	90	55	7	4A	62 at 500	—	—		51
DT3313	DJ	25W	0.8	160	140	7	3A	62 at 500	—	—		51
2N3054	DJ	25W	0.8	90	55	7	4A	63 at 500	—	—		51
2N3441	DJ	25W	0.8	160	140	7	3A	63 at 500	—	—		51
2N6260	DJ	29W	—	50	40	5	3A	60 at 1.5A	—	—		51
DT4305	DJ	30W	3	400	300	5	5A	30 at 3A	—	—		1
DT4306	DJ	30W	3	500	375	5	5A	30 at 3A	—	—		1
DT6105	DJ	50W	5	400	300	5	10A	30 at 3A	—	—		5
DT6106	DJ	50W	5	500	375	5	10A	30 at 3A	—	—		5
DT4613	DJ	100W	—	160	140	7	10A	45 at 3A	—	—		1
DT4643	DJ	100W	—	160	140	7	16A	37 at 8A	—	—		1
DT4652	DJ	100W	—	100	60	7	20A	37 at 10A	—	—		1
DT4660	DJ	100W	—	50	40	5	30A	37 at 15A	—	—		1
2N4347	DJ	100W	—	140	120	7	5A	37 at 2A	—	—		1
2N5157	DJ	100W	—	700	500	6	3.5A	60 at 1A	—	—		1
DT4612	DJ	100W	0.8	100	60	7	15A	45 at 4A	—	—		1
DT4424	DJ	100W	2.5	—	500	6	3.5A	60 at 1A	—	—		1
DT4425	DJ	100W	2.5	—	500	6	3.5A	60 at 1A	—	—		1
DT4423	DJ	100W	4	400	400	5	3.5A	60 at 1A	—	—		1
2N3902	DJ	100W	4	—	400	5	3.5A	60 at 1A	—	—		1
2N6253	DJ	115W	—	55	45	5	15A	45 at 3A	—	—		1
2N3055	DJ	115W	0.8	100	60	7	15A	45 at 4A	—	—		1
2N3442	DJ	117W	—	160	140	7	10A	45 at 3A	—	—		1
2N4348	DJ	120W	—	140	120	7	10A	37 at 5A	—	—		1
2N5241	DJ	125W	—	400	400	5	5A	25 at 2.5A	—	—		1
DT4430	DJ	125W	4	400	400	5	5A	30 at 2.5A	—	—		1
DT4431	DJ	125W	4	400	400	5	5A	25 at 2.5A	—	—		1
2N3771	DJ	150W	—	50	40	5	30A	37 at 15A	—	—		1
2N3772	DJ	150W	—	100	60	7	20A	37 at 10A	—	—		1
2N3773	DJ	150W	—	160	140	7	16A	37 at 8A	—	—		1
2N6257	DJ	150W	—	50	40	5	20A	40 at 8A	—	—		1
2N2580	DJ	150W	—	400	400	5	10A	25 at 5A	—	—		5
2N2581	DJ	150W	—	400	400	5	10A	45 at 10A	—	—		5
2N2582	DJ	150W	—	500	500	5	10A	25 at 5A	—	—	5	
2N2583	DJ	150W	—	500	500	5	10A	45 at 10A	—	—	5	
2N3079	DJ	150W	—	200	200	5	5A	30 at 5A	—	—	5	
2N3080	DJ	150W	—	300	300	5	5A	30 at 5A	—	—	5	

† Minimum value

MULLARD

Replacement Types

BF167	PE	130	350	40	30	—	25	—	—	—	—	TV video I.F. stages	2
2N918	PE	200	900	30	15	3	50	20 at 3	0.01	15	—	U.H.F. amps/osc.	20
BF173	PE	260	550	40	25	4	—	—	—	—	—	TV video I.F. output	2
2N929	PE	300	50	45	45	5	30	225 at 10	0.01	45	—	Low noise amplifiers	2
2N930	PE	300	80	45	45	5	30	400 at 10	0.01	45	—	Amplifiers	2
BFW57	PE	300	80	80	60	6	500	115 at 100	0.5	80	} General purpose	43	
BFW58	PE	300	80	80	60	6	500	70 at 100	0.5	80		43	
BFW59	PE	300	80	40	35	6	500	115 at 100	0.5	40		43	
BFW60	PE	300	80	40	35	6	500	70 at 100	0.5	40		43	
BLY55	—	4W	250	40	20	4	1A	60 at 200	—	—	—	V.H.F. amplifiers	38
BU105	—	7W	—	1,500	—	6	2A	—	—	—	—	TV line deflection	1
BLY35	—	12W	250	66	33	4	7.5A	—	—	—	—	A.M. Class B	38
BLY36	—	12W	250	40	20	4	7.5A	—	—	—	—	F.M. Class B	38
BDY10	AD	130W	1	50	40	4	2A	30 at 2A	30	50	} A.F. amplifiers	1	
BDY11	AD	130W	1	100	70	4	2A	30 at 2A	30	100		1	