

Tube Equivalents List

0A2	AG5211	6AL5	D152	DL95	3Q4
0A2	SR56	6AL5	D2M9	DL96	3C4
0B2	SR3	6AL5	D717	DL98	3B4
108C1	OB2	6AL5	D77	DM160	6977
10BQ5	YL84	6AL5	DD6	DM70	1M3
10C14	19D8	6AL5	EAA91	DM71	1N3
10CW5	LL86	6AL5	EB91	DP61	6AK5
10CW5	YL86	6AL5	ED2	DY30	1B3GT
10DE7	9R-AL1	6AM5	16A	DY51	1BG2
10DX8	LCL200	6AM5	6P17	DY70	5642
10DX8	LCL84	6AM5	7D9	DY80	1X2A
10DX8	YCL84	6AM5	DD7	DY802	1BQ2
10EB8	11JE8	6AM5	DDR7	DY86	1S2
10F18	13EC7	6AM5	EL91	DY87	1S2A
10F9	12AC5	6AM5	N144	E130L	7534
10GN8	11JE8	6AM5	N47	E1485	3A4
10GV8	LCL85	6AM5	N77	E180CC	7062
10HF8	11JE8	6AM5	QN77	E180F	6688
10JA8	11JE8	6AM5	V886	E180L	7534
10JY8	11JE8	6AM6	5A/160H	E182CC	7119
10LD13	14G6	6AM6	6F11	E182F	5847
10LD3	14L7	6AM6	6F12	E186F	7737
10LZ8	11JE8	6AM6	8D3	E188CC	7308
10P18	45B5	6AM6	EF91	E1F	954
10PL12	50BM8	6AM6	HP6	E2016	6CQ6
11BM8	LCL82	6AM6	M8063	E2157	12AT7
11JE8	10EB8	6AM6	PM07	E2163	12AU7
11JE8	10GN8	6AM6	QZ77	E2164	12AX7
11JE8	10HF8	6AM6	R144	E280F	7722
11JE8	10JA8	6AM6	S6F12	E288CC	8223
11JE8	10JY8	6AM6	SP6	E55L	8233
11JE8	10LZ8	6AM6	Z77	E80CC	6085
11R3	LY81	6AN7	ECH80	E80CF	7643
11Y9	LFL200	6AQ4	6L34	E80F	6084
121VP	12AC5	6AQ4	EC91	E80L	6227
12A6	ABC91	6AQ5	6L31	E80T	6218
12A8	OH4	6AQ5	BPM04	E810F	7788
12AC5	10F9	6AQ5	EL90	E81CC	12AT7

12AC5	121VP	6AQ5	N727	E81CC	6201
12AC5	HF121	6AQ6	6BK6	E81L	6686
12AC5	UF41	6AQ8	6CC43	E82CC	12AU7
12AC5	W118	6AQ8	6L12	E83CC	6681
12AC5	W142	6AQ8	B719	E83F	6689
12AC5	W145	6AQ8	ECC85	E84L	7320
12AD6	UF89	6AS6	6F33	E88C	6DL4
12AD7	12AX7	6AS7G	A1834	E88C	8255
12AF3	12BR3	6AT6	6BK6	E88CC	6922
12AH8	20D3	6AT6	DH77	E89F	6DG7
12AJ7	HCH81	6AT6	EBC90	E902	6X4
12AL5	HAA91	6AT7N	6DT8	E90C	5920
12AT6	HBC90	6AU4GT	6G-K17	E90CC	5920
12AT7	A2900	6AU6	EF94	E90F	6BH6
12AT7	B152	6AV3	6R-K19	E90Z	6X4
12AT7	B309	6AV4	EZ91	E91AA	5726
12AT7	B739	6AV4^	6FX4	E91H	6687
12AT7	E2157	6AV6	6BC32	E91N	5727
12AT7	E81CC	6AV6	6BK6	E95F	6AK5
12AT7	ECC81	6AV6	EBC91	E99F	6BJ6
12AT7	QB309	6B32	6AL5	EA41	6CT7
12AT7WA	CC81E	6B8	EBF32	EA50	2B35
12AT7WA	M8162	6BA6	6F31	EA76	6489
12AT7WA	QS2406	6BA6	EF93	EAA901	5726
12AT7WB	QA2406	6BA6	PM04	EAA91	6AL5
12AU6	HF94	6BA6	W727	EABC80	6AK8
12AU7	12AX7	6BC32	6AV6	EA41	6CT7
12AU7	B329	6BD7	6LD13	EA42	6CT7
12AU7	B749	6BD7	EBC80	EAM86	6GX8
12AU7	E2163	6BD7	EBC81	EB34	6H6
12AU7	E82CC	6BD7A	EBC3	EB91	6AL5
12AU7	ECC186	6BE6	6H31	EBC3	6BD7A
12AU7	ECC82	6BE6	EK90	EBC41	6CV7
12AU7A	12AX7	6BE6	HM04	EBC80	6BD7
12AV6	12BC32	6BE6	X727	EBC81	6BD7
12AV7	12R-LL3	6BE6	X77	EBC90	6AT6
12AX7	12AD7	6BE7	EQ80	EBC91	6AV6
12AX7	12AU7	6BH5	EF81	EBF32	6B8
12AX7	12AU7A	6BH6	E90F	EBF41	6CJ5
12AX7	12AX7A	6BJ5	N78	EBF80	6N8

12AX7	12BZ7	6BJ6	E99F	EBF81	6AD8
12AX7	12DF7	6BK6	6AQ6	EBF83	6DR8
12AX7	12DM7	6BK6	6AT6	EBF85	6DC8
12AX7	12DT7	6BK6	6AV6	EBF89	6DC8
12AX7	6L13	6BK6	6BT6	EC1000	8254
12AX7	7025	6BK8	EF83	EC22	6R4
12AX7	7025A	6BL8	6C16	EC55	5861
12AX7	B339	6BL8	ECF80	EC70	5718
12AX7	B759	6BM5	6P9	EC71	5718
12AX7	E2164	6BM8	6LP12	EC80	6Q4
12AX7	ECC83	6BM8	6PL12	EC806S	6CM4
12AX7A	12AX7	6BM8	6PL12	EC81	6R4
12AX7A	M8137	6BM8	ECL82	EC84	6AJ4
12B-B14	13GB5	6BN5	EL85	EC86	6CM4
12BA6	12F31	6BN5	N155	EC88	6DL4
12BA6	HF93	6BQ5	6P15	EC88	8255
12BC32	12AV6	6BQ5	EL84	EC90	6C4
12BE6	12H31	6BQ5	N709	EC900	6HA5
12BE6	HK90	6BQ6GT	6G-B3A	EC91	6AQ4
12BE7	UQ80	6BQ6GTB	HD94	EC92	6AB4
12BQ6GT	12G-B6	6BQ7A	ECC180	EC93	6BS4
12BR3	12AF3	6BR5	65ME	EC94	6AF4
12BR3	12R-K19	6BR5	EM80	EC95	6ER5
12BY7	EL180	6BR7	8D5	EC97	6FY5
12BZ7	12AX7	6BS4	EC93	ECC180	6BQ7A
12C8	VP12D	6BS7	8D7	ECC186	12AU7
12D4A	12G-K17	6BS8	6R-HH2	ECC189	6ES8
12DF7	12AX7	6BT4	66KU	ECC230	6080
12DM7	12AX7	6BT4	EZ40	ECC32	6SN7GT
12DT7	12AX7	6BT4	MU14	ECC35	6SL7
12DT7	ECC863	6BT4	U150	ECC70	6021
12E13	6550	6BT4	U718	ECC801	6060
12F31	12BA6	6BT4	UU5	ECC802	6189
12FB5	30P12	6BT4	UU9	ECC803	6057
12FB5	PL801	6BT4	V61	ECC804	6GA8
12FG6	UM84	6BT6	6BK6	ECC81	12AT7
12FQ7	12R-LL5	6BW7	8D6	ECC813	6463
12G-B3	12GW6	6BX4	64SPT	ECC82	12AU7
12G-B6	12BQ6GT	6BX4	6Z4	ECC83	12AX7
12G-B7	13CM5	6BX6	EF80	ECC84	6CW7

12G-K17	12D4A	6BX6	Z152	ECC85	6AQ8
12GW6	12G-B3	6BX6	Z719	ECC86	6GM8
12H31	12BE6	6BY7	6F19	ECC863	12DT7
12HU8	PLL80	6BY7	6F26	ECC88	6DJ8
12K7	W76	6BY7	EF85	ECC89	6FC7
12K7GT	OF5	6BY7	W719	ECC900	6HA5
12K8	X71M	6BZ8	X155	ECC91	6J6
12K8GT	X76M	6C12	6AJ8	ECF200	6X9
12Q7GT	DH74	6C15	6CJ5	ECF201	6U9
12Q7GT	DH76	6C16	6BL8	ECF202	6AJ9
12R-K19	12BR3	6C18	6GV7	ECF80	6BL8
12R-LL3	12AV7	6C31	6K8	ECF801	6GJ7
12R-LL5	12FQ7	6C4	EC90	ECF802	6JW8
12S7	UAF42	6C4	L77	ECF805	6GV7
12S7	WD142	6C4	QL77	ECF82	6U8
12SN7GT	B36	6C4	V741	ECF86	6HG8
12SQ7	OBC3	6C6	A677	ECH113	6CU7
12X4	HZ90	6C6	G77	ECH200	6V9
13CM5	12G-B7	6C6	T77	ECH35	6E8G
13CM5	XL36	6CA4	6V4	ECH42	6CU7
13D2	6SN7GT	6CA4	EZ4	ECH80	6AN7
13D3	6158	6CA4	EZ81	ECH81	6AJ8
13EC7	10F18	6CA4	U709	ECH82	6E8
13EC7	W110	6CA4	UU12	ECH83	6DS8
13EC7	W119	6CA7	EL34	ECH84	6JX8
13GB5	12B-B14	6CA7	KT77	ECL80	6AB8
13GB5	XL500	6CB6	EF190	ECL82	6BM8
13GC8	30PL1	6CC10	5692	ECL821	6CH6
13GC8	30PL10	6CC31	6J6	ECL84	6DX8
13GC8	LN319	6CC42	5670	ECL85	6GV8
13GC8	PCL801	6CC43	6AQ8	ECL86	6GW8
141DDT	14L7	6CD7	64ME	ECLL800	16KH8
141TH	14K7	6CD7	6M2	ED2	6AL5
14F7	XXD	6CD7	EM34	ED500	6ED4
14G6	10LD13	6CF8	6267	EF13	6DA6
14G6	DH119	6CH40	6AJ8	EF183	6EH7
14G6	UBC80	6CH6	7D10	EF184	6EJ7
14G6	UBC81	6CH6	ECL821	EF190	6CB6
14GW8	PCL86	6CH6	EF82	EF22	7A7
14K7	141TH	6CH6	EL821	EF36	6J7

14K7	UCH42	6CH6	EL822	EF37	6J7GT
14K7	X142	6CJ5	62VP	EF39	6K7
14L7	10LD3	6CJ5	6C15	EF41	6CJ5
14L7	141DDT	6CJ5	6F15	EF70	6487
14L7	DH118	6CJ5	6F16	EF71	5899
14L7	DH142	6CJ5	7F16	EF72	5840
14L7	UBC41	6CJ5	EBF41	EF73	6488
14Y7	UCH80	6CJ5	EF41	EF730	5636
14Z3	HZ50	6CJ5	HF61	EF731	5899
150B2	6354	6CJ5	W150	EF732	5840
150C1	OA2	6CJ6	EL81	EF732	5901
150C2	OA2	6CK5	67PT	EF734	6205
150C3	OD3	6CK5	BF61	EF74	6391
150C4	OA2	6CK5	EL41	EF80	6BX6
15A6	N153	6CK5	N150	EF81	6BH5
15A6	N309	6CK6	EL803	EF811	6EH7
15A6	PL83	6CK6	EL820	EF812	6EL7
15CW5	30P18	6CK6	EL83	EF814	6EJ7
15CW5	N378	6CL6	6L43	EF82	6CH6
15CW5	N379	6CM4	EC806S	EF83	6BK8
15CW5	PL84	6CM4	EC86	EF85	6BY7
15DQ8	PCL84	6CM5	EL36	EF86	6267
163PEN	16A5	6CN6	5P29	EF87	6267
16A	6AM5	6CN6	EL38	EF89	6DA6
16A5	163PEN	6CQ6	6F21	EF89F	6DG7
16A5	30P16	6CQ6	9D6	EF905	5654
16A5	N154	6CQ6	E2016	EF91	6AM6
16A5	N329	6CQ6	EF92	EF92	6CQ6
16A5	PL82	6CQ6	QW77	EF93	6BA6
16A8	30PL12	6CQ6	V177	EF94	6AU6
16A8	N369	6CQ6	V884	EF95	6AK5
16A8	PCL82	6CQ6	VP6	EF96	6AG5
16AQ3	XY88	6CQ6	W77	EF97	6ES6
16GK8	30PL13	6CR4	A2521	EF98	6ET6
16GK8	30PL14	6CS6	EH90	EFL200	6Y9
16GK8	PCL800	6CT7	EA41	EH90	6CS6
16GK8	PCL88	6CT7	EAF42	EK90	6BE6
16KH8	ECLL800	6CT7	WD150	EL180	12BY7
16Y9	PFL200	6CU7	62TH	EL300	6FN5
171DDP	17C8	6CU7	ECH113	EL33	6M6G

17C8	171DDP	6CU7	ECH42	EL34	6CA7
17C8	17N8	6CU7	X150	EL36	6CM5
17C8	UBF80	6CU7	Z150	EL37	6L6
17EW8	HCC85	6CV7	62DDT	EL38	6CN6
17KW6	PL508	6CV7	6LD3	EL41	6CK5
17N8	17C8	6CV7	DH150	EL500	6GB5
17Z3	A61	6CV7	DH718	EL503	8278
17Z3	PY800	6CV7	DH817	EL504	6GB5
17Z3	PY801	6CV7	EBC41	EL505	6KG6
17Z3	PY81	6CW5	EL86	EL508	6KW6
17Z3	PY83	6CW7	6L16	EL71	5902
17Z3	U153	6CW7	ECC84	EL80	6M5
17Z3	U193	6D-HH13	6FX7	EL802	6LD6
17Z3	U251	6D1	2B35	EL803	6CK6
17Z3	U349	6D2	6AL5	EL81	6CJ6
18AK5	6028	6D4	EN93	EL82	6DY5
18FX6	X107	6D8	X73	EL820	6CK6
18GB5	LL500	6D8	X73M	EL821	6CH6
18GD6	19M-R10	6DA5	EM81	EL822	6CH6
18GD6	19M-R9	6DA6	EF13	EL83	6CK6
18GV8	PCL85	6DA6	EF89	EL84	6BQ5
19AJ8	19D8	6DC8	6FD12	EL85	6BN5
19AQ5	HL90	6DC8	EBF85	EL86	6CW5
19BD	19X3	6DC8	EBF89	EL90	6AQ5
19CS4	PY301	6DG7	E89F	EL91	6AM5
19CS4	U191	6DG7	EF89F	EL95	6DL5
19CS4	U339	6DG7	EM85	ELF86	6HG8
19D8	10C14	6DJ8	ECC88	ELL80	6HU8
19D8	19AJ8	6DL4	E88C	EM34	6CD7
19D8	UCH81	6DL4	EC88	EM35	6U5
19D8	X119	6DL5	EL95	EM80	6BR5
19FL8	UBF89	6DQ6A	6G-B6	EM81	6DA5
19KF6	N22LL	6DR8	EBF83	EM84	6FG6
19M-R10	18GD6	6DS8	ECH83	EM840	6FG6
19M-R9	18GD6	6DT8	6AT7N	EM85	6DG7
19SU	19Y3	6DX8	ECL84	EM87	6HU6
19T8	HABC80	6DY5	EL82	EN32	2050
19U3	19X3	6E5	6S5G	EN91	2D21
19W3	19X3	6E5	OSW3110	EN93	6D4
19X3	19BD	6E8	ECH82	EQ80	6BE7

19X3	19U3	6E8	X65	EY500	6EC4
19X3	19W3	6E8G	ECH35	EY51	6X2
19X3	PY80	6E8G	TH62	EY80	6U3
19X3	U152	6E8G	X147	EY81	6R3
19X3	U309	6E8G	X61M	EY81F	6V3
19Y3	19SU	6EC4	EY500	EY82	6N3
19Y3	PY82	6EC7	6F18	EY83	6AL3
19Y3	U154	6EC7	W739	EY84	6374
19Y3	U192	6ED4	ED500	EY86	6S2
19Y3	U319	6EH7	6F29	EY87	6S2A
1A3	1D13	6EH7	EF183	EY88	6AL3
1A3	DA90	6EH7	EF811	EZ11	6V4
1A3	DAF90	6EJ7	6F24	EZ22	7Y4
1A5G	DL31	6EJ7	6F25	EZ3	6V4
1A7GT	DK32	6EJ7	6F30	EZ35	6X5G
1A7GT	X14	6EJ7	EF184	EZ4	6CA4
1AB6	1C3	6EJ7	EF814	EZ40	6BT4
1AB6	1H35	6EL7	6F23	EZ80	6V4
1AB6	DK96	6EL7	EF812	EZ81	6CA4
1AB6	DK97	6EL7	Z749	EZ90	6X4
1AB6	X25	6ER5	EC95	EZ900	6063
1AC6	1C2	6ES6	EF97	EZ91	6AV4
1AC6	DK92	6ES8	ECC189	F1EL	8278
1AC6	X18	6ET6	EF98	FA6	5677
1AC6	X20	6EW6	6GM6	G/50/4K	OA2
1AD4	DF62	6EW6	6HS6	G105/1D	OC3
1AD4	DF652	6F10	6AC7	G150/3D	OD3
1AD4	DF668	6F11	6AM6	G75/2D	OA3
1AH5	1FD1	6F12	6AM6	G77	6C6
1AH5	DAF96	6F15	6CJ5	GY501	3BH2
1AH5	ZD25	6F16	6CJ5	GZ30	5Z4G
1AJ4	1F1	6F18	6EC7	GZ31	5U4G
1AJ4	DF96	6F19	6BY7	GZ32	5V4GA
1AJ4	W25	6F21	6CQ6	GZ34	5AR4
1AN5	DAF97	6F22	6267	H2-10	2X2A
1AN5	DF97	6F23	6EL7	H52	5U4GB
1AQ5	1H33	6F24	6EJ7	H63	6F5GT
1AR5	1S5SF	6F25	6EJ7	HAA91	12AL5
1AS5	1U5SF	6F26	6BY7	HABC80	19T8
1B3GT	DY30	6F29	6EH7	HBC90	12AT6

1B3GT	U41	6F30	6EJ7	HBC91	12AV6
1BG2	DY51	6F31	6BA6	HCC85	17EW8
1BQ2	DY802	6F32	6AK5	HCH81	12AJ7
1C1	1R5	6F33	6AS6	HD14	1H5GT
1C2	1AC6	6F35	6AJ5	HD30	3B4
1C3	1AB6	6F36	6AH6	HD51	OA2
1C5GT	DL35	6F5GT	H63	HD52	OB2
1C5GT	N14	6F6G	KT63	HD93	1X2B
1D13	1A3	6FC7	ECC89	HD94	6BQ6GTB
1D5	40SUA	6FD12	6DC8	HD96	25BQ6GTB
1E3	DC80	6FG6	EM84	HF121	12AC5
1F1	1AJ4	6FG6	EM840	HF61	6CJ5
1F2	1L4	6FN5	EL300	HF93	12BA6
1F3	1T4	6FX4	6AV4	HF94	12AU6
1F5G	KL35	6FX7	6D-HH13	HK90	12BE6
1FD1	1AH5	6FY5	EC97	HL86	30CW5
1FD9	1S5	6G-B3A	6BQ6GT	HL90	19AQ5
1G50	2050A	6G-B6	6DQ6A	HL92	50C5
1H2	1S2	6G-B9	6GW6	HL94	30A5
1H33	1AQ5	6G-K17	6AU4GT	HM04	6BE6
1H33	1R5SF	6GA8	6/30L2	HP6	6AM6
1H35	1AB6	6GA8	ECC804	HY145	1U4
1H5GT	DAC32	6GB5	EL500	HY90	35W4
1H5GT	HD14	6GB5	EL504	HZ50	14Z3
1L4	1F2	6GJ7	ECF801	HZ90	12X4
1L4	DF92	6GM6	6EW6	KD21	OA3
1M1	1N3	6GM8	CC86E	KD24	OC3
1M3	DM70	6GM8	ECC86	KD25	OD3
1M3	Y25	6GV7	6C18	KL35	1F5G
1N3	1M1	6GV7	ECF805	KT32	25W6GT
1N3	DM71	6GV8	ECL85	KT33	25A6
1N5GT	DF33	6GW6	6G-B9	KT61	6M6G
1N5GT	Z14	6GW8	ECL86	KT63	6F6G
1P1	3C4	6GX8	EAM86	KT66	6L6GC
1P10	3S4	6H31	6BE6	KT71	50L6GT
1P11	3V4	6H6	D63	KT77	6CA7
1Q5GT	DL36	6H6	EB34	KT88	6550
1R5	1C1	6H6	OM3	KTW63	6J7GT
1R5	DK91	6H6	OSW3109	KTZ63	6K7GT
1R5	X17	6HA5	EC900	KTZ63M	6J7GT

1R5SF	1H33	6HA5	ECC900	KY80	5J2
1R5^	1H33	6HG8	ECF86	L63	6J5
1RK23	1S2	6HG8	ELF86	L63B	6J5
1S2	1H2	6HS6	6EW6	L77	6C4
1S2	1RK23	6HT5	N2ED	LC900	3HA5
1S2	DY86	6HU6	EM87	LC97	3FY5
1S2A	DY87	6HU8	ELL80	LCC189	5ES8
1S4	DL91	6J4	6M-H1	LCF200	5X9
1S5	1FD9	6J4	TM12	LCF201	5U9
1S5	DAC21	6J4WA	M8232	LCF80	6LN8
1S5	DAF91	6J5	L63	LCF801	5GJ7
1S5	DF26	6J5	L63B	LCF802	6LX8
1S5	ZD17	6J5	OSW3112	LCF86	5HG8
1S5SF	1AR5	6J6	6CC31	LCH200	5V9
1T2	R16	6J6	6M-HH3	LCL200	10DX8
1T2	U37	6J6	ECC91	LCL82	11BM8
1T4	1F3	6J6	M8081	LCL84	10DX8
1T4	DF91	6J6	T2M05	LCL85	10GV8
1T4	W17	6J7	EF36	LF183	4EH7
1U4	DF904	6J7	TTZ63	LF184	4EJ7
1U4	HY145	6J7	Z63	LFL200	11Y9
1U5	DAF92	6J7GT	A863	LL500	18GB5
1U5SF	1AS5	6J7GT	EF37	LL505	27KG66
1V6	DCF60	6J7GT	KTW63	LL521	21KQ6
1W4	R3	6J7GT	KTZ63M	LL86	10CW5
1X2	1X2A	6JE6B	6JE6C	LN119	50BM8
1X2	1X2B	6JE6C	6JE6B	LN152	6AB8
1X2A	1X2	6JE6C	6LQ6	LN319	13GC8
1X2A	DY80	6JW8	6LX8	LY500	28EC4
1X2A	R19	6JW8	ECF802	LY81	11R3
1X2B	1X2	6JX8	ECH84	LY88	20AQ3
1X2B	HD93	6K6	6K6G	LZ319	9A8
2050	BA2	6K6	6K6GT	LZ329	9A8
2050	EN32	6K6	6K6GT/G	LZ339	9EN7
2050A	1G50	6K6	6K6MG	M8063	6AM6
20A3	2D21	6K6G	6K6	M8079	5726
20AQ3	LY88	6K6GT	6K6	M8081	6J6
20D3	12AH8	6K6GT	N63	M8096	5763
20D4	6AJ8	6K6GT/G	6K6	M8100	5654
213PEN	21A6	6K6MG	6K6	M8121	5840

21A6	213PEN	6K7	EF39	M8136	6189
21A6	N152	6K7	OM6	M8137	12AX7A
21A6	N359	6K7	PF9	M8162	12AT7WA
21A6	PL81	6K7	W147	M8196	5725
21A6	PL820	6K7	W61	M8204	5727
21KQ6	LL521	6K7	W63	M8212	5726
25A6	KT33	6K7GT	KTZ63	M8223	OA2WA
25BQ6GT	25G-B6	6K8	6C31	M8224	OB2WA
25BQ6GTB	HD96	6KG6	EL505	M8232	6J4WA
25BR3	25R-K19	6KG6A	5L509	M8245	6005
25BR3	U329	6KN8	6R-HH8	MU14	6BT4
25E5	N308	6KV6	6KV6A	MV6-5	6SA7GT
25E5	PL36	6KV6A	6KV6	N119	45B5
25G-B6	25BQ6GT	6KW6	EL508	N14	1C5GT
25GF6	30P19	6L10	6AG7	N142	45A5
25GF6	30P4	6L12	6AQ8	N144	6AM5
25GF6	N389	6L13	12AX7	N147	6M6G
25GF6	PL302	6L16	6CW7	N148	7C5
25R-K19	25BR3	6L31	6AQ5	N15	3Q5GT
25W6GT	KT32	6L34	6AQ4	N150	6CK5
25Z4GT	U31	6L43	6CL6	N152	21A6
27GB5	PL500	6L6	EL37	N153	15A6
27KG66	LL505	6L6GC	DL37	N154	16A5
28EC4	LY500	6L6GC	KT66	N155	6BN5
29KQ6	PL521	6L6GT	N66	N16	3Q5GT
2B/250A	807	6L7	X64	N17	3S4
2B35	6D1	6LC6	6LH6	N18	3Q4
2B35	EA50	6LC6	6LH6A	N19	3V4
2B35	T6D	6LD12	6AK8	N22LL	19KF6
2D21	20A3	6LD13	6BD7	N25	3C4
2D21	4G280K	6LD3	6CV7	N2ED	6HT5
2D21	ASG512	6LD6	EL802	N308	25E5
2D21	EN91	6LF6	6LV6	N309	15A6
2D21	PL21	6LF6	N30EL	N30EL	6LF6
2D21	RL21	6LH6	6LC6	N329	16A5
2ER5	XC95	6LH6A	6LC6	N359	21A6
2FY5	XC97	6LN8	LCF80	N369	16A8
2HA5	XC900	6LP12	6BM8	N378	15CW5
2HR8	XCF86	6LQ6	6JE6C	N379	15CW5
2J2	R20	6LV6	6LF6	N389	25GF6

2J2	U26	6LX8	6JW8	N47	6AM5
2J2	U49	6LX8	LCF802	N63	6K6GT
2X2	2X2A	6M-H1	6J4	N66	6L6GT
2X2	2Y2	6M-HH3	6J6	N709	6BQ5
2X2A	2X2	6M1	6U5G	N727	6AQ5
2X2A	H2-10	6M2	6CD7	N77	6AM5
2Y2	2X2	6M5	EL80	N78	6BJ5
30A5	HL94	6M6G	EL33	OA2	150C1
30AE3	PY88	6M6G	KT61	OA2	150C2
30C1	9A8	6M6G	N147	OA2	150C4
30C1	9A8	6M6G	PP6BG	OA2	G/50/4K
30C15	9EN7	6N3	6U3	OA2	HD51
30C18	7GV7	6N3	EY82	OA2	QS1207
30CW5	HL86	6N8	EBF80	OA2	S856
30F5	7ED7	6N8	WD709	OA2	SM150-30
30FL1	9GB8	6N8	ZD152	OA2	STR108/30
30L1	7AN7	6P15	6BQ5	OA2	STR150/30
30L15	7EK7	6P17	6AM5	OA2	STV150/30
30P12	12FB5	6P25	6AG6	OA2WA	M8223
30P16	16A5	6P9	6BM5	OA2WA	QS1210
30P18	15CW5	6PL12	6BM8	OA3	G75/2D
30P19	25GF6	6PL12	6BM8	OA3	KD21
30P4	25GF6	6Q4	EC80	OA3	QS1205
30PL1	13GC8	6Q7	DH63	OA4G	PL1267
30PL10	13GC8	6Q8	6A8	OA4G	RL1267
30PL12	16A8	6R-HH2	6BS8	OA4G	Z300T
30PL13	16GK8	6R-HH8	6KN8	OB2	108C1
30PL14	16GK8	6R-K19	6AV3	OB2	HD52
311SU	31A3	6R-R8C	5847	OB2	QS1208
31A3	311SU	6R3	EY81	OB2	S860
31A3	U118	6R3	6V3P	OB2	SR55
31A3	U142	6R4	EC22	OB2	STV108/30
31A3	U145	6R4	EC81	OB2WA	M8224
31A3	UY41	6S2	EY86	OB2WA	QS1211
31A3	UY42	6S2A	EY87	OBC3	12SQ7
31A3	V311	6S5G	6E5	OC3	G105/1D
31A3	V312	6S7	OF1	OC3	KD24
32F	956	6S7	OM5	OC3	QS1206
35FN5	PL300	6SA7	OSW3104	OD3	150C3
35W4	HY90	6SA7GT	MV6-5	OD3	G150/3D

35Z4GT U74	6SK7 OSW3111	OD3 KD25
35Z4GT U76	6SL7 ECC35	OD3 QS150/40
38A3 U119	6SN7GT 13D2	OD3 VR150
38A3 U381	6SN7GT B65	OE3 85A1
38A3 UT85	6SN7GT ECC32	OF1 6S7
38A3 UY89	6SN7GT QB65	OF5 12K7GT
3A4 DL93	6SQ7 OSW3105	OG3 85A2
3A4 E1485	6T1 6AF4	OG3 SR2
3A5 DCC90	6U3 6N3	OG3 STR85/10
3AJ8 XCH81	6U3 EY80	OG3 STV85/10
3AL5 XAA91	6U5 EM35	OH4 12A8
3AL5 XB91	6U5 Y64	OM3 6H6
3AU6 XF94	6U5G 6M1	OM5 6S7
3B4 DL98	6U8 ECF82	OM6 6K7
3B4 HD30	6U9 ECF201	OSW2190 6AC7
3BH2 GY501	6V3 EY81F	OSW2192 6AG7
3BX6 XF80	6V3P 6R3	OSW2600 6AC7
3BY7 XF85	6V4 6CA4	OSW2601 6AG7
3BZ6 3M-V7	6V4 EZ11	OSW3104 6SA7
3C4 1P1	6V4 EZ3	OSW3105 6SQ7
3C4 DL96	6V4 EZ80	OSW3106 6V6GT
3C4 N25	6V6GT OSW3106	OSW3107 5CG4
3C6 XXB	6V9 ECH200	OSW3107 5Z4G
3D6 DL29	6W7G^ 8D4	OSW3109 6H6
3DK6 3M-R24	6X2 EY51	OSW3110 6E5
3EH7 XF183	6X2 R12	OSW3111 6SK7
3EJ7 XF184	6X2 SU61	OSW3112 6J5
3ER5 YC95	6X2 U151	P17A 807
3FY5 LC97	6X2 U43	PABC80 9AK8
3FY5 YC97	6X2 U45	PC86 4CM4
3HA5 LC900	6X4 6Z31	PC88 4DL4
3M-R24 3DK6	6X4 E902	PC900 4HA5
3M-V7 3BZ6	6X4 E90Z	PC95 4GK5
3Q4 DL95	6X4 EZ90	PC97 4FY5
3Q4 N18	6X4 U707	PCC186 7AU7
3Q5GT DL33	6X4 U78	PCC189 7ES8
3Q5GT N15	6X4 V2M70	PCC805 7EK7
3Q5GT N16	6X4W QM556	PCC84 7AN7
3S4 1P10	6X4W QM556	PCC85 9AQ8
3S4 DL92	6X5G EZ35	PCC88 7DJ8

3S4	N17	6X5G	U147	PCC89	7FC7
3S4SF	3W4	6X5G	U70	PCE800	9GB8
3V4	1P11	6X9	ECF200	PCF200	8X9
3V4	DL94	6Y9	EFL200	PCF201	8U9
3V4	N19	6Z3	AD	PCF80	9A8
3W4	3S4SF	6Z31	6X4	PCF800	9EN7
40KG6	PL505	6Z4	6BX4	PCF801	8GJ7
40SUA	1D5	7025	12AX7	PCF802	9JW8
42EC4	PY500	7025A	12AX7	PCF805	7GV7
451PT	45A5	7062	E180CC	PCF806	8GJ7
45A5	451PT	7119	E182CC	PCF82	9U8
45A5	BF451	7308	E188CC	PCF86	8HG8
45A5	N142	7320	E84L	PCH200	9V9
45A5	UL41	7534	E130L	PCL800	16GK8
45B5	10P18	7534	E180L	PCL801	13GC8
45B5	N119	7643	E80CF	PCL82	16A8
45B5	UL84	7722	E280F	PCL84	15DQ8
4BL8	5R-HP1	7737	E186F	PCL85	18GV8
4BL8	XCF80	7788	E810F	PCL86	14GW8
4BS8	4R-HH2	7A7	EF22	PCL88	16GK8
4CM4	PC86	7A7	W143	PD500	9ED4
4DL4	PC88	7A7	W148	PF86	4HR8
4EH7	LF183	7A7	W81	PF9	6K7
4EH7	YF183	7AN7	30L1	PFL200	16Y9
4EJ7	LF184	7AN7	B139	PH4	6A8
4EJ7	YF184	7AN7	B319	PL1267	OA4G
4ES8	XCC189	7AN7	PCC84	PL21	2D21
4FY5	PC97	7AU7	PCC186	PL300	35FN5
4G280K	2D21	7AU7	XCC82	PL302	25GF6
4GJ7	4GX7	7B6	DH81	PL36	25E5
4GJ7	XCF801	7B6	DL82	PL500	27GB5
4GK5	PC95	7B7	W149	PL505	40KG6
4GX7	4GJ7	7C5	N148	PL508	17KW6
4HA5	PC900	7C6	DH149	PL521	29KQ6
4HR8	PF86	7D10	6CH6	PL801	12FB5
4KN8	4R-HH8	7D11	6550	PL81	21A6
4R-HH2	4BS8	7D9	6AM5	PL82	16A5
4R-HH8	4KN8	7DJ8	PCC88	PL820	21A6
4Y25	807	7ED7	30F5	PL83	15A6
50BM8	10PL12	7ED7	Z329	PL84	15CW5

50BM8	LN119	7EK7	30L15	PLL80	12HU8
50BM8	UCL82	7EK7	B349	PM04	6BA6
50C5	HL92	7EK7	PCC805	PM05	6AK5
50L6GT	KT71	7ES8	PCC189	PM07	6AM6
52KU	5Z4G	7F16	6CJ5	PM95	6AK6
54KU	5AQ4	7FC7	PCC89	PP6BG	6M6G
55N3	UY82	7GV7	30C18	PY301	19CS4
5636	EF730	7GV7	PCF805	PY500	42EC4
5642	DY70	7J7	C610	PY80	19X3
5651A	QS1209	7S7	X148	PY800	17Z3
5654	EF905	7S7	X81	PY801	17Z3
5654	M8100	7X7	XXFM	PY81	17Z3
5654	QM557	7Y4	EZ22	PY82	19Y3
5670	6CC42	7Y4	U149	PY83	17Z3
5672	DL620	7Y4	U82	PY88	30AE3
5677	FA6	807	2B/250A	QA2401	6135
5678	DF60	807	4Y25	QA2404	5726
5692	6CC10	807	5B/250A	QA2406	12AT7WB
5692	QA2408	807	5S1	QA2407	6201
5718	EC70	807	ARS25A	QA2408	5692
5718	EC71	807	ATS225A	QB309	12AT7
5725	M8196	807	P17A	QB5/1750	6079
5725	QM558	807	QE06/50	QB65	6SN7GT
5726	AA91E	807	QV05-25	QE03/10	5763
5726	DD77	8223	E288CC	QE05/40	6146
5726	E91AA	8228	ZZ1000	QE05/40H	6159
5726	EAA901	8233	E55L	QE06/50	807
5726	M8079	8254	EC1000	QL77	6C4
5726	M8212	8255	E88C	QM556	6X4W
5726	QA2404	8255	EC88	QM556	6X4W
5726	QM559	8278	EL503	QM557	5654
5726	QS2404	8278	F1EL	QM558	5725
5727	E91N	83	VT83	QM559	5726
5727	M8204	83	WT301	QN77	6AM5
5763	M8096	8453	Z550M	QQE02/5	6939
5763	QE03/10	85A1	OE3	QQE03/12	6360
5763	QV03-12	85A2	OG3	QQE03/20	6252
5783	85A3	85A3	5783	QQE06/40	5894
5823	Z900T	8A8	9U8	QQV02-6	6939
5840	EF72	8B8	8R-HP1	QQV03-10	6360

5840	EF732	8B8	XCL82	QQV03-20	6252
5840	M8121	8BQ5	XL84	QS1205	OA3
5847	6R-R8C	8CW5	XL86	QS1206	OC3
5847	E182F	8D3	6AM6	QS1207	OA2
5861	EC55	8D4	6W7G	QS1208	OB2
5894	QQE06/40	8D5	6BR7	QS1209	5651A
5899	EF71	8D6	6BW7	QS1210	OA2WA
5899	EF731	8D7	6BS7	QS1211	OB2WA
5901	EF732	8D8	6267	QS150/40	OD3
5902	EL71	8GJ7	PCF801	QS2404	5726
5911	DF67	8GJ7	PCF806	QS2406	12AT7WA
5913	DL67	8HG8	PCF86	QV03-12	5763
5920	E90C	8R-HP1	8B8	QV05-25	807
5920	E90CC	8U9	PCF201	QV06-20	6146
5A/160H	6AM6	8X9	PCF200	QW77	6CQ6
5AQ4	54KU	954	E1F	QZ77	6AM6
5AR4	GZ34	954	UN954	R12	6X2
5AR4	U77	954	ZA2	R144	6AM6
5B/250A	807	955	UN955	R16	1T2
5CG4	OSW3107	956	32F	R19	1X2A
5ES8	LCC189	957	D1C	R20	2J2
5ES8	YCC189	958A	D2C	R3	1W4
5GJ7	LCF801	959	D3F	R52	5Z4G
5HG8	LCF86	9A8	30C1	RL1267	OA4G
5HG8	YCF86	9A8	30C1	RL21	2D21
5J2	KY80	9A8	9U8	RS1029	6360
5J6	5M-HH3	9A8	LZ319	RS2	5Z4
5L509	6KG6A	9A8	LZ329	S6F12	6AM6
5M-HH3	5J6	9A8	PCF80	S856	OA2
5P29	6CN6	9AK8	PABC80	S860	OB2
5R-HP1	4BL8	9AQ8	PCC85	SM150-30	OA2
5S1	807	9BM5	9P9	SP6	6AM6
5U4G	5Z10	9D6	6CQ6	SR2	OG3
5U4G	GZ31	9EA8	9U8	SR3	OB2
5U4G	U52	9ED4	PD500	SR55	OB2
5U4GB	H52	9EN7	30C15	SR56	OA2
5U8	XCF82	9EN7	LZ339	STR108/30	OA2
5U9	LCF201	9EN7	PCF800	STR150/30	OA2
5V4GA	GZ32	9GB8	30FL1	STR85/10	OG3
5V9	LCH200	9GB8	PCE800	STV108/30	OB2

5W4GT U51	9GH8A 9R-HH2	STV150/30 OA2
5X9 LCF200	9GV8 XCL85	STV85/10 OG3
5Y3GT U50	9JW8 PCF802	SU61 6X2
5Z10 5U4G	9P9 9BM5	T2M05 6J6
5Z4 RS2	9R-AL1 10DE7	T6D 2B35
5Z4G 52KU	9R-HH2 9GH8A	T77 6C6
5Z4G GZ30	9U8 8A8	TH62 6E8G
5Z4G OSW3107	9U8 9A8	TM12 6J4
5Z4G R52	9U8 9EA8	TTZ63 6J7
6/30L2 6GA8	9U8 9U8A	U118 31A3
6005 M8245	9U8 PCF82	U119 38A3
6007 DL67	9U8A 9U8	U142 31A3
6008 DF67	9V9 PCH200	U145 31A3
6021 ECC70	A1834 6AS7G	U147 6X5G
6028 18AK5	A2521 6CR4	U149 7Y4
6057 ECC803	A2900 12AT7	U150 6BT4
6060 ECC801	A61 17Z3	U151 6X2
6063 EZ900	A677 6C6	U152 19X3
6079 QB5/1750	A863 6J7GT	U153 17Z3
6080 ECC230	AA91E 5726	U154 19Y3
6084 E80F	ABC91 12A6	U191 19CS4
6085 E80CC	AD 6Z3	U192 19Y3
6135 QA2401	AG5211 0A2	U193 17Z3
6146 QE05/40	ARS25A 807	U251 17Z3
6146 QV06-20	ASG512 2D21	U26 2J2
6158 13D3	ATS225A 807	U309 19X3
6159 QE05/40H	B139 7AN7	U31 25Z4GT
6189 ECC802	B152 12AT7	U319 19Y3
6189 M8136	B309 12AT7	U329 25BR3
6201 E81CC	B319 7AN7	U339 19CS4
6201 QA2407	B329 12AU7	U349 17Z3
6205 EF734	B339 12AX7	U37 1T2
6218 E80T	B349 7EK7	U381 38A3
6227 E80L	B36 12SN7GT	U41 1B3GT
6252 QQE03/20	B63 6A6	U43 6X2
6252 QQV03-20	B65 6SN7GT	U45 6X2
6267 6CF8	B719 6AQ8	U49 2J2
6267 6F22	B729 6AG8	U50 5Y3GT
6267 8D8	B739 12AT7	U51 5W4GT
6267 EF86	B749 12AU7	U52 5U4G

6267	EF87	B759	12AX7	U70	6X5G
6267	Z729	BA2	2050	U707	6X4
62DDT	6CV7	BF451	45A5	U709	6CA4
62TH	6CU7	BF61	6CK5	U718	6BT4
62VP	6CJ5	BPM04	6AQ5	U74	35Z4GT
6351	X319	BVA264	6AG6G	U76	35Z4GT
6354	150B2	BVA265	6AG6G	U77	5AR4
6360	QQE03/12	C610	7J7	U78	6X4
6360	QQV03-10	CC81E	12AT7WA	U82	7Y4
6360	RS1029	CC86E	6GM8	UAF42	12S7
6374	EY84	D152	6AL5	UBC41	14L7
6375	DC70	D1C	957	UBC80	14G6
6391	EF74	D2C	958A	UBC81	14G6
63TP	6AB8	D2M9	6AL5	UBF80	17C8
6463	ECC813	D3F	959	UBF89	19FL8
6487	EF70	D61	6CT7	UCH42	14K7
6488	EF73	D63	6H6	UCH80	14Y7
6489	EA76	D717	6AL5	UCH81	19D8
64ME	6CD7	D77	6AL5	UCL82	50BM8
64SPT	6BX4	DA90	1A3	UF41	12AC5
6550	12E13	DAC21	1S5	UF89	12AD6
6550	7D11	DAC32	1H5GT	UL41	45A5
6550	KT88	DAF90	1A3	UL84	45B5
65ME	6BR5	DAF91	1S5	UM84	12FG6
6681	E83CC	DAF92	1U5	UN954	954
6686	E81L	DAF96	1AH5	UN955	955
6687	E91H	DAF97	1AN5	UQ80	12BE7
6688	E180F	DC70	6375	UT85	38A3
6689	E83F	DC80	1E3	UU12	6CA4
66KU	6BT4	DCC90	3A5	UU5	6BT4
67PT	6CK5	DCF60	1V6	UU9	6BT4
6922	E88CC	DD6	6AL5	UY41	31A3
6939	QQE02/5	DD7	6AM5	UY42	31A3
6939	QQV02-6	DD77	5726	UY82	55N3
6977	DM160	DDR7	6AM5	UY89	38A3
6A6	B63	DF26	1S5	V177	6CQ6
6A8	6Q8	DF33	1N5GT	V2M70	6X4
6A8	PH4	DF60	5678	V311	31A3
6AB	X63	DF62	1AD4	V312	31A3
6AB4	EC92	DF652	1AD4	V61	6BT4

6AB8	63TP	DF668	1AD4	V741	6C4
6AB8	ECL80	DF67	5911	V884	6CQ6
6AB8	LN152	DF67	6008	V886	6AM5
6AC7	6F10	DF904	1U4	VP12D	12C8
6AC7	OSW2190	DF91	1T4	VP6	6CQ6
6AC7	OSW2600	DF92	1L4	VR150	OD3
6AD8	EBF81	DF96	1AJ4	VT83	83
6AE8	X79	DF97	1AN5	W110	13EC7
6AF4	6T1	DH118	14L7	W118	12AC5
6AF4	EC94	DH119	14G6	W119	13EC7
6AG5	EF96	DH142	14L7	W142	12AC5
6AG6	6P25	DH149	7C6	W143	7A7
6AG6G	BVA264	DH150	6CV7	W145	12AC5
6AG6G	BVA265	DH63	6Q7	W147	6K7
6AG7	6L10	DH718	6CV7	W148	7A7
6AG7	OSW2192	DH719	6AK8	W149	7B7
6AG7	OSW2601	DH74	12Q7GT	W150	6CJ5
6AG8	B729	DH76	12Q7GT	W17	1T4
6AH6	6F36	DH77	6AT6	W25	1AJ4
6AJ4	EC84	DH81	7B6	W61	6K7
6AJ5	6F35	DH817	6CV7	W63	6K7
6AJ8	20D4	DK32	1A7GT	W719	6BY7
6AJ8	6C12	DK91	1R5	W727	6BA6
6AJ8	6CH40	DK92	1AC6	W739	6EC7
6AJ8	ECH81	DK96	1AB6	W76	12K7
6AJ8	X719	DK97	1AB6	W77	6CQ6
6AJ9	ECF202	DL29	3D6	W81	7A7
6AK5	6F32	DL31	1A5G	WD142	12S7
6AK5	DP61	DL33	3Q5GT	WD150	6CT7
6AK5	E95F	DL35	1C5GT	WD709	6N8
6AK5	EF95	DL36	1Q5GT	WT301	83
6AK5	PM05	DL37	6L6GC	X107	18FX6
6AK6	PM95	DL620	5672	X119	19D8
6AK8	6LD12	DL67	5913	X14	1A7GT
6AK8	DH719	DL67	6007	X142	14K7
6AK8	EABC80	DL82	7B6	X147	6E8G
6AL3	EY83	DL91	1S4	X148	7S7
6AL3	EY88	DL92	3S4	X150	6CU7
6AL5	6B32	DL93	3A4	X155	6BZ8
6AL5	6D2	DL94	3V4	X17	1R5

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		X20 1AC6
		X25 1AB6
		X319 6351
		X61M 6E8G
		X63 6AB
		X64 6L7
		X65 6E8
		X719 6AJ8
		X71M 12K8
		X727 6BE6
		X73 6D8
		X73M 6D8
		X76M 12K8GT
		X77 6BE6
		X79 6AE8
		X81 7S7
		XAA91 3AL5
		XB91 3AL5
		XC900 2HA5
		XC95 2ER5
		XC97 2FY5
		XCC189 4ES8
		XCC82 7AU7
		XCF80 4BL8
		XCF801 4GJ7
		XCF82 5U8
		XCF86 2HR8
		XCH81 3AJ8
		XCL82 8B8
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		XF80 3BX6
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		XF94 3AU6
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		Z152 6BX6
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		Z550M 8453
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		Z729 6267
		Z749 6EL7
		Z77 6AM6
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		ZD152 6N8
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		ZD25 1AH5
		ZZ1000 8228
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		12ZF5 32B8
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		12HF6 ECC121
		12HF6 ECC121A
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