

HUVENCERS

1989 AH



EQUIVALENTS LIST

KAYS ELECTRIX,  
15-17 FLEET ST.,  
PEMBERTON.  
RADIO & TELEVISION  
Tel: WIGAN 82969.

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## MULLARD COMPREHENSIVE VALVE, CATHODE RAY TUBE AND SEMI- CONDUCTOR DEVICE EQUIVALENTS LIST

Only those types which have been previously listed by other manufacturers as equivalents appear in the other equivalents column. No guarantee that these types are still available from the manufacturer is implied. Before carrying out a substitution it is important to ensure that the manufacturer's catalogue is studied to ensure that any special limitations are not violated.

Whilst every care has been taken in the compilation of this list, Mullard l.t.d. cannot accept any responsibility for the accuracy thereof. Furthermore, the fact that a Mullard equivalent is given for another manufacturer's valve in this list does not imply that the reverse process will operate satisfactorily in all cases.

### References

\* No direct equivalent, see Mullard Maintenance Manual, original edition.

\*\* No direct equivalent, see Mullard Maintenance Manual, 2nd edition. The majority of these types are also contained in the original edition.

† Valves having a different heater current, and therefore not direct replacements, in a.c./d.c. receivers.

Where necessary the name of the manufacturer is indicated in bracketed italics immediately following the valve type number.

Examples: AC/DD(*TH-AEI*), DD6(C), PT4(F).

C	Cossor	H	Hivac
EK	Ekeo	M	Mullard
TH-AEI	Thorn-AEI	MO	Marconi Osram
F	Ferranti	T	Tungsram

Type	Mullard Direct Equivalent	Other Equivalents
A11B...	1W4-350	R2, R42, 1867
A11C...	1W4-500	MU14, R3, UU5, 44IU
A11D...	1W4-350	BVA211, MU12, UU4
A20B...	*	DDL4
A23A...	—	AC/HL/DD, DDT
A27D...	PEN40DD	—
A30D...	*	AC/HL, 41MHL
A36A...	*	41STH
A36B...	*	41STH
A36C...	*	4THA
A40M...	—	—
A47-11W...	A47-11W	—
A47-13W...	A47-13W	CME1906
A47-14W...	A47-14W	CME1908
A47-18W...	A47-18W	—
A50A...	—	MS/PEN, SPT4A
A50B...	—	MS/PENB
A50M...	—	MVS/PEN, VPT4
A50N...	—	MVS/PEN
A50P...	VP4B	AC/VP2, VP41
A59-11W...	A59-11W	A59-12W
A59-12W...	A59-11W	CME2305
A59-13W...	A59-16W	CME2306
A59-15W...	A59-15W	CME2308
A59-16W...	A59-16W	—
A61...	—	U193, U349
A70B...	*	MP/PEN, 7A2
A70C...	PENA4	PT4(F), 7A3, 42MP/PEN
A70D...	PENA4	AC2PEN, PT4(F), 42MP/PEN
A70E...	—	—
A80A...	FC4	VIIIT4, 15A2, 41MPG
A430N...	*	—
AA119...	AA119	—
AA129...	AA129	—
AB1...	*	—
AB2...	*	—
ABC1...	*	—
ABL1...	—	—
AC/DD(TH-AEI)*	*	—
AC/DD(H)...	*	—
AC/DDT...	—	MHD4

Type	Mullard Direct Equivalent	Other Equivalents
AC/HL...	*	MH4, 41MHL
AC/HL/DD...	—	DDT, MHD4
AC/HP (5-pin)	—	—
AC/HP (7-pin)	*	SPT4A
ACO42...	*	2P
ACO44...	*	LP4, PP3/250, PX4, 4XP
ACO54...	*	—
ACO64...	*	—
ACO84...	*	—
ACO84N...	*	—
AC/P...	*	—
AC/PEN...	—	MKT4, MP/PEN, 7A2
AC/Q...	—	—
AC/Qa...	*	—
AC/SG...	—	—
AC/SGVM...	—	—
AC/SH...	—	MS4B
AC/SL...	—	SPT4A
AC/S1VM...	—	VPT4
AC/S2...	*	MS4B, SPT4A
AC/S2PEN...	*	MS/PEN
AC/TH1...	*	X41
AC/TH1A...	*	TH41
AC/TP...	—	—
AC/VH...	—	—
AC/VP...	—	—
AC/VPB...	VP4B	VP41
AC/VP1...	*	MVS/PEN
AC/VP2...	VP4B	S420
AC/VS...	—	—
AC/Y...	*	—
AC/Z...	PENA4	PT4(F)
AC/ZDD...	*	PT4D
AC2HL...	—	—
AC2PEN...	PENA4	KT41, PT4(F), 7A3, 42MP/PEN
AC2PENDD...	*	PTD4
AC4PEN...	—	—
AC5PEN...	—	PT10
ACSPENDD...	—	—
AC104...	*	—
AC107...	AC107	—

Type	Mullard Direct Equivalent	Other Equivalents
AC126 ...	AC126	---
AC127 ...	AC127	---
AC128 ...	AC128	---
AD140 ...	AD140	---
AF2 ...	---	---
AF7 ...	---	---
AF102 ...	AF102	---
AF114 ...	AF114	---
AF115 ...	AF115	---
AF116 ...	AF116	---
AF117 ...	AF117	---
AF118 ...	AF118	---
AF124 ...	AF124	---
AF125 ...	AF125	---
AF126 ...	AF126	---
AF127 ...	AF127	---
AF178 ...	AF178	---
AF179 ...	AF179	---
AF180 ...	AF180	---
AF181 ...	AF181	---
AF186 ...	AF186	---
AK2 ...	*	---
AL4 ...	*	---
AL5 ...	*	---
AL60 ...	*	---
APP4A ...	*	MKT4
APP4As ...	*	---
APP4B ...	PENA4	AC2PEN, KT41, PT4(F)
APP4Bs ...	*	---
APP4E ...	---	---
APV4 ...	IW4-350	MU12, R42, 1867
AS4120 ...	---	MS4B, SPT4A
AS4125 ...	---	---
AU101 ...	AU101	---
AU103 ...	AU103	---
AW21-11 ...	AW21-11	---
AW36-20 ...	AW36-20	14ARP4A, C14PM
AW36-21 ...	AW36-20	14ABP4A
AW36-80 ...	AW36-80	14AHPAA
AW43-80 ...	AW43-80	C17/5A, 17BTP4
AW43-88 ...	AW43-88	C17AA, 17CVP4, CME1706

Type	Mullard Direct Equivalent	Other Equivalents
AW43-89 ...	AW43-89	---
AW47-10 ...	---	---
AW47-90 ...	AW47-90	C19AK, C19/7A, CME1902
AW47-91 ...	AW47-91	CME1903
AW53-80 ...	AW53-80	21CLP4
AW53-88 ...	AW53-88	C21AA, C21/7A, CME2103
AW53-89 ...	AW53-89	---
AW59-10 ...	---	---
AW59-90 ...	AW59-90	C23AK, CME2302
AW59-91 ...	AW59-91	CME2303
AW59-95 ...	---	CME2301, 7701A
AX50 ...	*	---
AZ1 ...	AZ1	---
AZ2 ...	*	---
AZ3 ...	*	---
AZ31 ...	AZ31	U143
AZ32 ...	*	---
AZ41 ...	AZ41	---
AZ50 ...	*	---
BA114 ...	BA114	---
BA115 ...	BAJ15	---
B36 ...	12SN7GT	---
B65 ...	6SN7GT	---
B109 ...	UCC85	J0L14
B152 ...	ECC81	B309, 12AT7
B228 ...	---	---
B309 ...	ECC81	B152, 12AT7
B319 ...	PCC84	7AN7, 30L1
B329 ...	ECC82	12AU7
B339 ...	ECC83	6L13, 12AX7
B349 ...	30L15/PCC805	7EK7, 30L15
B719 ...	ECC85	6AQ8, 6L12
B729 ...	6/30L2/ECC804	6/30L2, 6GA8
BF109 ...	BF109	---
BVA211 ...	} DW4-350 or IW4-350	R4
BVA214 ...		
BVA215 ...		
BVA216 ...		

Type	Mullard Direct Equivalent	Other Equivalents
CG3-E ...	---	---
CG4-E ...	---	GD5
CG6-E ...	---	GD4
CG10-E ...	---	---
CG12-E ...	---	GD3
CK1 ...	---	---
CL4 ...	*	---
CL6 ...	*	---
CL30... ..	CL30/20P4	20P4
CL33 ...	CL33	332PEN
CME141 ...	**	---
CME1402 ...	**	7205A
CME1702 ...	**	---
CME1703 ...	**	7405A
CME1705 ...	**	7604A
CME1706 ...	AW43-88	C17/7A, C17AA, 17CVP4
CME1901 ...	**	7601A
CME1902 ...	AW47-90	C19/7A, C19AK
CME1903 ...	AW47-91	---
CME1906 ...	A47-13W	C19/10AP
CME1908 ...	A47-14W	A47-14W
CME2101 ...	**	7503A
CME2104 ...	**	---
CME2301 ...	**	AW59-95, 7701A
CME2302 ...	AW59-90	C23/7A, C23AK
CME2303 ...	AW59-91	C23/10A
CME2305 ...	A59-11W	A59-12W
CME2306 ...	A59-16W	A59-13W
CME2309 ...	A59-15W	A59-15W
CRM71 ...	---	---
CRM91 ...	**	---
CRM92 ...	**	C9A
CRM92A ...	**	92A
CRM93 ...	**	---
CRM121 ...	**	C12A
CRM121A ...	**	C12A
CRM121B ...	**	---
CRM122 ...	**	---
CRM123 ...	**	---
CRM124 ...	**	---
CRM141 ...	---	---

Type	Mullard Direct Equivalent	Other Equivalents
CRM142 ...	---	---
CRM143 ...	**	---
CRM144 ...	**	7204A
CRM151 ...	---	---
CRM152 ...	---	---
CRM152A ...	---	---
CRM152B ...	---	---
CRM153 ...	---	---
CRM171 ...	**	---
CRM172 ...	**	7404A
CRM173 ...	**	---
CRM211 ...	**	---
CRM212 ...	**	C21TM, 7502A
CY1 ...	---	---
CY1C ...	UR1C	V20
CY2 ...	*	---
CY30 ...	CY30/U301	---
CY31 ...	---	U201, OM1
CY32... ..	*	---
D1 ...	*	---
D4 ...	*	AC/HL, MH4, 41MHL
D41 ...	*	DDL4
D42 ...	---	---
D43 ...	---	---
D63 ...	EB34†	6H6G/GT
D77 ...	EB91	D152, DD6(C or F), 6ALS, 6D2, EAA91
D152... ..	EB91	DD6(C or F), D77, 6ALS, 6D2, EAA91
D400... ..	*	---
D1300 ...	*	---
DA ...	*	4D1
DA30 ...	---	---
DA40 ...	---	---
DA41 ...	---	---
DA90 ...	DA90	1D13, 1A3
DAC1 ...	*	---
DAC32(C1) ...	{ 1H5G DAC32(C1)	HD14
DAC32 (Met)	---	1H5GT

Type	Mullard Direct Equivalent	Other Equivalents
DAF91 ...	DAF91	ZD17, 1FD9, 1S5
DAF96 ...	DAF96	ZD25, 1AH5, 1FD1
DC90 ...	—	—
DCC90 ...	DCC90	—
DD4 ...	*	DDL4
DD4s ...	*	—
DD6 (C or F) ...	EB91	D77, D152, EAA91, 6AL5, 6D2
DD6 ...	*	—
DD6ds ...	}	—
DD6G ...		
DD13 ...	}	—
DD13s ...		
DD41 ...		
DD465 ...		
DD620 ...		
DDA1 ...	*	—
DDL4 ...	*	—
DDPP4B ...	*	AC2PENDD, DN41, PT4D
DDPP4Bs ...	*	—
DDPP4M ...	PEN4DD	—
DDPP6B ...	*	—
DDPP6Bs ...	*	—
DDPP39 ...	*	—
DDPP39M ...	*	—
DDPP39s ...	—	—
DDT ...	*	AC/HL/DD, MHD4, H4D
DDT12 ...	—	H2D
DDT4 ...	—	AC/HL/DD, MHD4
DDT4s ...	*	—
DDT6s ...	*	—
DDT13 ...	*	—
DDT13s ...	*	—
DDT215 ...	—	—
DDT220 ...	—	H2D
DF1 ...	*	—
DF33 ...	DF33	1N5GT
DF64 ...	DF64	—
DF66 ...	DF66	—
DF70 ...	*	—
DF91 ...	DF91	W17, 1F3, 1T4

Type	Mullard Direct Equivalent	Other Equivalents
DF92 ...	DF92	1F2, 1L4
DF96 ...	DF96	W25, 1AJ4, 1F1
DF97 ...	DF97	1AN5
DH42 ...	—	AC/HL/DD
DH63 ...	6Q7G	—
DH63 (Mei) ...	6Q7GT	—
DH76 ...	—	—
DH77 ...	EBC90	6AT6
DH81 ...	**	7B6
DH101 ...	**	—
DH107 ...	**	—
DH109 ...	UABC80	10LD12
DH118 ...	UBC41	10LD3, 14L7
DH119 ...	UBC81	10LD13
DH142 ...	UBC41	10LD3, 14L7
DH147 ...	EBC33	OM4
DH149 ...	*	7C6
DH150 ...	EBC41	6CV7, 6LD3, 62DDT
DH718 ...	EBC41	6CV7, 6LD3
DH719 ...	EABC80	6AK8, 6LD12, 6T8
DK1 ...	*	—
DK32 ...	DK32	1A7GT
DK40 ...	DK40	—
DK91 ...	DK91	X17, 1C1, 1R5
DK92 ...	DK92	X18, 1AC6, 1C2
DK96 ...	DK96	X25, 1AB6, 1C3
DL2 ...	*	—
DL33 ...	}	N16
DL33... ..		
DL35... ..	DL35	N14
DL63... ..	1C5G	—
DL64... ..	EBC33†	6R7G
DL66... ..	DL64	—
DL68... ..	—	—
DL68... ..	DL68	—
DL71... ..	*	—
DL72... ..	*	—
DL74M ...	—	—
DL82... ..	—	—
DL91... ..	**	1S4

Type	Mullard Direct Equivalent	Other Equivalents
DL92...	DL92	N17, 1P10, 3S4
DL93...	DL93	—
DL94...	DL94	N19, 1P11, 3V4
DL96...	DL96	N25, 1P1, 3C4
DL145	—	10LD11
DM70	DM70	Y25, 1M1, 1M3
DM71	DM71	DM70
DN41	*	AC2PENDD, PT4D
DN143	EBL21	—
DO24	*	PP5/400, PX25
DO26	*	—
DO30	*	DA30
DO42	PEN4DD	—
DP61...	EF95	6AK5
DP495	PEN4DD	A27D
DP4480	*	—
DT3 ...	*	—
DT30...	*	—
DT41...	—	—
DT436	—	AC/HL/DD
DT1336	*	—
DTU1	*	—
DW2...	*	506BU, 1821
DW3...	DW4-350	R2, R4
DW4...	DW4-500	R3, R43, U14, 156I
DW4-350	DW4-350	R4
DW4-500	DW4-500	U14, 156I
DY86	DY86	DY87, 1S2
DY87	DY87	1S2A
E235 ...	—	—
E446 ...	—	—
E447 ...	—	—
EA50...	EA50	SD61, 6D1(TH-AEI)
EEA91	EB91	DD6(C or F), D77, D152, 6AL5 6D2
EAB1	*	—
EABC80	EABC80	DH719, 6AK8, 6LD12, 6T8
EAC91	EAC91	—
EAF41	**	—
EAF42	EAF42	WD150, 6CT7

Type	Mullard Direct Equivalent	Other Equivalents
EB4 ...	*	—
EB34 ...	EB34	D63†
EB41 ...	EB41	—
EB91 ...	EB91	DD6(C or F), D77, D152, 6AL5, 6D2, EAA91
EBC3	*	—
EBC33	EBC33	DH63†, DH147, OM4
EBC41	EBC41	DH150, 6CV7, 6LD3, 62DDT
EBC81	EBC81	6BD7A, 6LD13
EBC90	EBC90	DH77, 6AT6
EBC91	IBC91	6AV6
EBF2	**	—
EBF32	**	—
EBF80	EBF80	ZO152, 6N8, WD709
EBF83	EBF83	6DR8
EBF89	EBF89	6DC8, 6FD12
EBL1	*	—
EBL21	IBL21	DN143
EBL31	—	—
EC31...	*	—
ECS0...	*	—
ECS2...	—	—
ECS3...	*	—
ECS4...	—	—
EC90...	EC90	6C4
EC91...	EC91	6L34
EC92...	EC92	—
ECC31	*	—
ECC32	ECC32	—
ECC33	ECC33	—
ECC34	ECC34	—
ECC35	ECC35	6SL7GT
ECC40	ECC40	—
ECC81	ECC81	B152, B309, 12AT7
ECC82	ECC82	B329, 12AU7
ECC83	ECC83	B339, 6L13, 12AX7
ECC84	ECC84	6CW7, 6L16
ECC85	ECC85	B719, 6AQ8, 6L12
ECC88	ECC88	6DJ8
ECC91	ECC91	6J6

Type	Mullard Direct Equivalent	Other Equivalents
ECC804 ...	6/30L2/ ECC804	6GA8, 6/30L2, B729
ECF80 ...	ECF80	6BL8, 6C16
ECF82 ...	ECF82	6U8
ECF804 ...	—	—
ECH2 ...	*	—
ECH3 ...	ECH3	—
ECH4 ...	*	—
ECH21 ...	ECH21	X143
ECH33 ...	{ CCH35 (a.c./d.c.) ECH35 (a.c.)	—
ECH35 ...	ECH35	OM10, X61M, X147
ECH41 ...	**	—
ECH42 ...	ECH42	X150, 6C10, 6CU7, 62TH
ECH81 ...	ECH81	X719, 6AJ8, 6C12
ECH83 ...	ECH83	6DS8
ECH84 ...	ECH84	6JX8
ECL80 ...	ECL80	LN152, 6AB8, 63TP
ECL82 ...	ECL82	6BM8
ECL83 ...	ECL83	—
ECL86 ...	ECL86	6GW8
EE50 ...	**	—
EF2 ...	*	—
EF5 ...	EF9	—
EF6 ...	*	—
EF8 ...	EF9	—
EF9 ...	EF9	—
EF22 ...	EF22	W143
EF36 ...	EF37A	—
EF37 ...	EF37A	—
EF37A ...	EF37A	OM5B
EF38 ...	EF39	—
EF39 ...	EF39	OM6, W147
EF40 ...	EF40	—
EF41 ...	EF41	W150, 6F16, 7F16, 62VP, 6C15
EF42 ...	EF42	Z150
EF50 ...	EF50	63SPT
EF54 ...	EF54	—
EF55 ...	EF55	—

Type	Mullard Direct Equivalent	Other Equivalents
EF80 ...	EF80	Z152, Z719, 6BX6, 64SPT
EF83 ...	EF83	—
EF85 ...	EF85	W719, 6BY7, 6F26
EF86 ...	EF86	Z729, 6F22, 6267
EF89 ...	EF89	6DA6
EF91 ...	EF91	SP6, Z77, 6AM6, 8D3, 6F12
EF92 ...	EF92	VP6, W77, 6CQ6, 6F21, 9D6
EF93 ...	EF93	W727, 6BA6
EF94 ...	EF94	6AU6
EF95 ...	EF95	DP61, 6AK5
EF97 ...	EF97	6ES6
EF98 ...	EF98	6ET6
EF183 ...	EF183	6EH7, 6F29
EF184 ...	EF184	6EJ7, 6F30
EF812 ...	EF812/6F23	6EL7, 6F23, Z749
EFM1 ...	*	—
EH2 ...	*	—
EH90 ...	EH90	6CS6
EK2 ...	—	—
EK3 ...	*	—
EK32 ...	—	—
EK90 ...	EK90	X77, X727, 6BE6
EL2 ...	*	—
EL3 ...	*	—
EL3N ...	*	—
EL5 ...	*	—
EL6 ...	*	—
EL31 ...	*	—
EL32 ...	EL32	—
EL33 ...	EL33	6AG6G
EL34 ...	EL34	6CA7
EL35 ...	*	—
EL36 ...	EL36	6CM5
EL37 ...	EL37	KT66
EL38 ...	EL38	6CN6
EL38M ...	EL38	6CN6
EL41 ...	EL41	N150, 67PT, 6CK5
EL42 ...	EL42	N151
EL50 ...	*	—
EL81 ...	EL81	6CJ6



Type	Mullard Direct Equivalent	Other Equivalents
EL83 ...	EL83	6CK6
EL84 ...	EL84	N709, 6BQ5, 6P15
EL85 ...	EL85	6BN5
EL90 ...	EL90	N727, 6AQ5
EL91 ...	EL91	N77, N144, 6AM5
EL95 ...	EL95	6DL5
EL820 ...	EL820	—
EL821 ...	EL821	6CH6
EL822 ...	—	—
ELL80 ...	ELL80	—
EM1 ...	*	—
EM3 ...	*	—
EM4 ...	*	—
EM34 ...	EM34	64ME
EM71 ...	—	—
EM80 ...	—	6BR5, 65ME
EM81 ...	EM81	6DA5
EM84 ...	EM84	6FG6
EM85 ...	—	—
EM87 ...	EM87	6HU6
EM840 ...	EM84†	—
EN31 ...	EN31	—
EW53 ...	—	—
EW58 ...	—	—
EW59 ...	—	—
EY51 ...	EY51	R12, SU61, U43, U151, 6X2
EY81 ...	EY81	6R3
EY83 ...	—	—
EY86 ...	EY86	6S2
EY87 ...	EY87	—
EY91 ...	EY91	—
EZ1 ...	**	—
EZ2 ...	**	—
EZ3 ...	**	—
EZ35 ...	{ EZ35 6X5GT	U147
EZ40 ...	EZ40	U150, 6BT4, 66KU
EZ41 ...	EZ41	—
EZ80 ...	EZ80	6V4
EZ81 ...	EZ81	U709, UU12, 6CA4

Type	Mullard Direct Equivalent	Other Equivalents
EZ90 ...	EZ90	U78, 6X4
FC2 ...	—	X22, 210PG
FC2A ...	—	VHT2A
FC4 ...	FC4	MX40, VHT4, 15A2, 41MPG
FC13 ...	—	—
FC13C ...	*	—
FC141 ...	*	—
FST2/8 ...	BY100	—
FW4-500 ...	FW4-500	U18/20, 45IU
FW4-800 ...	FW4-800	U18/20
FY ...	*	—
G431 ...	*	1821
G470 ...	*	1821
G2080 (P base) ...	—	—
G2080 (5-pin) ...	UR1C	CY1C
G4120 ...	DW4-500	1561
G4120N ...	1W4-500	UU5, 431U, 1861
GD3 ...	—	—
GD4 ...	—	—
GD5 ...	—	—
GDT4B ...	—	—
GDT4C ...	—	—
GJ3D ...	—	—
GJ5D ...	—	—
GN24 ...	—	1821
GZ30 ...	{ GZ30 SZ4GT	R52, 5Z4GT
GZ32 ...	GZ32	5AQ4, 54KU
GZ33 ...	GZ33	—
GZ34 ...	GZ34	5AR4
GZ37 ...	GZ37	53KU, U54
H2 ...	—	—
H2D ...	—	210DDT
H4D ...	*	AC/HL/DD, DDT
H63 ...	—	6F5G
H141D ...	*	—
H210 ...	—	—
HAD ...	*	11D3
HBC90 ...	HBC90	12AT6
HBC91 ...	HBC91	12AV6

Type	Mullard Direct Equivalent	Other Equivalents
HD14 ...	{ 1H5G DAC32(C1)	—
HD22 ...	—	H2D
HD23 ...	—	H2D
HD24 ...	—	H2D, 210DDT
HF93 ...	HF93	12BA6
HG1006 ...	—	—
HK90 ...	HK90	12BE6
HL2 ...	—	210HF
HL2K ...	—	—
HL4+ ...	*	AC/HL
HL4G ...	*	MH4
HL4Gs ...	*	—
HL13( <i>f</i> ) ...	*	—
HL13( <i>M</i> ) ...	*	—
HL13( <i>T</i> ) ...	*	—
HL13C ...	*	4D1
HL13s ...	*	—
HL21DD ...	*	H2D, 210DDT
HL22 ...	*	—
HL23 ...	*	—
HL23DD ...	*	—
HL41 ...	*	—
HL41DD ...	*	—
HL42DD ...	—	—
HL92 ...	HL92	50C5
HL133 ...	*	—
HL133DD ...	*	—
HL210 ...	—	—
HL1320 ...	*	4D1
HL/DD1320 ...	*	11D3
HLA2 ...	*	AC2HL, 41MHL
HLB1 ...	—	210HF
HN309 ...	—	—
HP2 ...	—	—
HP13 ...	*	—
HP13s ...	*	—
HP210nc(4-pin) ...	—	SPT2, Z21
HP210nc(7-pin) ...	—	—
HP215( <i>f</i> ) ...	—	Z21

Type	Mullard Direct Equivalent	Other Equivalents
HP4101c ...	—	SPT4A
HP4105 ...	—	VPT4(5-pin)
HP4106 ...	—	—
HP4106c ...	—	VPT4(5-pin)
HP4115c ...	—	—
HR1 ...	—	—
HR2 ...	—	—
HR210 ...	—	—
HS1004 ...	—	—
HVR1 ...	—	—
HVR2 ...	—	—
HVR2A ...	—	—
HY90 ...	HY90	35W4
IW2 ...	*	1881
IW2A ...	IW4-350	—
IW3 ...	IW4 350	R2, R42, 1867
IW4 ...	IW4-500	UU5, R42
IW4-350 ...	IW4-350	R2, R42, 1867
IW4-500 ...	IW4-500	MU14, R3, R43, UU5, 43IU
K23A ...	—	—
K23B ...	—	H2D, 210DDT
K30A ...	—	—
K30B ...	—	210LF
K30C ...	—	210HF
K30D ...	—	—
K30G ...	—	L2( <i>F</i> ), 220PA
K30K ...	—	—
K33A ...	—	—
K40B ...	—	—
K40N ...	—	VS2
K50M ...	—	210VPT
K50N ...	—	—
K70B ...	—	PEN220, PT2, 220OT
K70D ...	—	—
K77B ...	—	—
K80A ...	—	210PG, VHT2A
K80B ...	—	—
K435-10 ...	*	LP4
KBC32 ...	—	—
KCF30 ...	—	—

Type	Mullard Direct Equivalent	Other Equivalents
KF35	---	---
KK2 ...	---	---
KK32	---	---
KL4 ...	---	---
KL35	---	---
KLL32	---	---
KT2 ...	---	PT2, 2200T
KT24	---	PT2
KT32	25L6GT	---
KT33C	---	---
KT36	---	---
KT41	*	AC2PEN, 7A3, 42MP/PEN
KT42	*	AC/PEN, 7A2
KT44	---	---
KT45	---	---
KT55	---	---
KT61	*	6AG6G, 6P25
KT63	6F6G	---
KT66	EL37	6L6G
KT71	---	---
KT76	---	---
KT81	---	---
KT88	---	---
KT101	---	---
KTW61	*	---
KTW61M	*	---
KTW63	*	---
KTW74M	---	---
KTZ41	---	---
KTZ63	*	---
KY50	U25/KY50	U25, U47, 2L2
KY80	U26/KY80	U26, U49, 2J2, R20
L2(TH-AEI)...	---	210LF
L2(F)...	---	210LF
L2/B ...	---	---
L2/DD	---	---
L4 ...	---	AC/P
L21 ...	---	210LF
L21/DD	---	H2D
L63 ...	6J5G	---

Type	Mullard Direct Equivalent	Other Equivalents
L77 ...	EC90	---
L210 ...	---	---
LD210	---	---
LL2 ...	---	---
LL2s ...	---	---
LL4 ...	*	---
LN119	UCL82	10PL12, 50BM8
LN152	ECL80	6AB8, 63TP
LN309	PCL83	---
LN319	30PL1/PCL801	13GC8, 30PL1, PCL801
LN329	30PL14/PCL88	30PL14
LN339	30FL1/PCE800	9GB8, 30FL1, PCE800
LP2(MO)	---	220PA
LP2(F)	---	---
LP4 ...	*	PP3/250, PX4, 4XP
LP220	---	L2(F)
LZ319	PCF80	9A8, 30C1, LZ329, 8A8
LZ329	PCF80	30C1, LZ319, 8A8, 9A8
LZ339	30C15	9EN7, 30C15, PCF800
	PCF/800	---
ME41	---	---
ME91	---	---
MH4 ...	*	AC/HL, 41MHL
MH41	---	AC2HL
MH4105	---	MX40
MH1D4	*	AC/HL/DD, DDT, H4D
MHL4	*	AC/HL
MKT4	*	MP/PEN, 7A2
ML4 ...	*	---
MM4V	---	---
MP4106C	---	VPT4
MP/PEN	*	MKT4, 7A2
MPT4	*	MP/PEN, 7A2
MS4B	---	SPT4A
MS4C	---	SPT4A
MSG/HA	---	MS4B, SPT4A
MSG/LA	---	MS4B, SPT4A
MSP4	---	MS/PEN
MSP41	---	---
MS/PEN	---	---

Type	Mullard Direct Equivalent	Other Equivalents
MS/PENA ...	*	SPT4A
MS/PENB ...	—	—
MU12 ...	IW4-350	R2, R42, UU5, 1867
MU12/14 ...	IW4-500	—
MU14 ...	IW4-500	R3, UU5, 431U
MV/SG ...	—	—
MVS/PEN ...	—	—
MW6-2 ...	MW6-2	—
MW22-7 ...	**	—
MW22-14 ...	**	—
MW22-14C ...	**	—
MW22-16 ...	MW22-16	—
MW22-17 ...	**	—
MW22-18 ...	**	—
MW31-7 ...	**	—
MW31-14 ...	**	—
MW31-14C ...	**	—
MW31-16 ...	MW31-74	C12FM, 121K
MW31-17 ...	**	—
MW31-18 ...	**	—
MW31-20 ...	**	—
MW31-21 ...	**	—
MW31-22 ...	**	—
MW31-23 ...	**	—
MW31-74 ...	MW31-74	12XP4A
MW36-22 ...	MW36-24	—
MW36-24 ...	MW36-24	C36-24, 14KP4A, 14LP4, 141K
MW36-44 ...	MW36-44	—
MW41-1 ...	MW41-1	—
MW43-43 ...	MW43-43	—
MW43-64 ...	MW43-69	17BQP4, 172K
MW43-69 ...	MW43-69	17BQP4, 173K
MW43-80 ...	MW43-80	C17-40
MW53-20 ...	MW53-20	21C1P4
MW53-80 ...	MW53-80	C21KM, 212K
MX40 ...	—	15A2, 41MPG
N14 ...	{ DL35 1C5G	—
N15 ...	*	—
N16 ...	DL33	—

Type	Mullard Direct Equivalent	Other Equivalents
N16 ...	3Q5GT	—
N17 ...	DL92	1P10, 3S4
N18 ...	* *	3Q4
N19 ...	DL94	1P11, 3V4
N25 ...	DL96	1P1, 3C4
N30 ...	—	7D5
N37 ...	**	—
N40 ...	*	7A2
N41 ...	PENA4	AC2PEN, PT4(F), 7A3, 42MP/PEN
N63 ...	*	—
N66 ...	EL37	—
N77 ...	EL91	6AM5
N78 ...	—	—
N108 ...	—	—
N118 ...	—	10P13
N119 ...	UL84	10P18, 45B5
N142 ...	UL41	45A5, 451PT
N144 ...	EL91	N77, 6AM5
N145 ...	—	10P13
N147 ...	EL33	6AG6G
N148 ...	—	7C5
N150 ...	EL41	67PT, 6CK5
N151 ...	EL42	—
N152 ...	PL81	N359, 21A6
N153 ...	PL83	N309, 15A6
N154 ...	PL82	N329, 16A5, 30P16
N155 ...	EL85	6BN5
N308 ...	—	30P4
N309 ...	PL83	N153, 15A6
N329 ...	PL82	N154, 16A5, 30P16
N339 ...	—	—
N349 ...	—	—
N359 ...	PL81	N152, 21A6
N369 ...	30P12/PL801	30P12, 12FB5, PL801
N379 ...	PL84	15CW5, 30P18
N389 ...	30P19/PL302	30P19, PL302
N709 ...	EL84	6BQ5, 6P15
N727 ...	EL90	6AQ5
O202 ...	—	—

Type	Mullard Direct Equivalent	Other Equivalents
O406 ...	FC4	VHT4
O1307 (P base)	—	—
O1307 (7-pin)	—	—
OA47 ...	—	—
OA60 ...	OA70	GD3
OA61 ...	OA81	GD5
OA70 ...	OA70	—
OA71 ...	OA81	—
OA79 ...	OA79	—
OA81 ...	OA81	—
OA90 ...	OA90	—
OA91 ...	OA91	—
OA202 ...	OA202	—
OA210 ...	OA210	—
OAZ210 ...	OAZ210	—
OC16W ...	OC16W	—
OC19 ...	OC19	—
OC26 ...	OC26	—
OC44 ...	OC44	—
OC44M ...	OC44M	—
OC45 ...	OC45	—
OC45M ...	OC45M	—
OC57 ...	OC57	—
OC58 ...	OC58	—
OC59 ...	OC59	—
OC60 ...	OC60	—
OC65 ...	OC65	—
OC66 ...	OC66	—
OC70 ...	OC70	—
OC71 ...	OC71	—
OC72 ...	OC72	—
OC74 ...	OC74	—
OC75 ...	OC75	—
OC78 ...	OC78	—
OC78D ...	OC78D	—
OC81 ...	OC81	—
OC81D ...	OC81D	—
OC81DM ...	OC81DM	—
OC82 ...	OC82	—
OC82D ...	OC82D	—

Type	Mullard Direct Equivalent	Other Equivalents
OC170 ...	OC170	—
OC171 ...	OC171	—
OM1 ...	CY31	U201
OM3 ...	EB34	—
OM4 ...	EBC33	DH147
OM5 ...	EF37A	OM5B
OM5A ...	EF37A	OM5B
OM5B ...	EF37A	—
OM6 ...	EF39	W147
OM7 ...	EF39	—
OM9 ...	EL32	—
OM10 ...	CCH35 (a.c./d.c.) EC1135 (a.c.)	X147
OP41 ...	—	—
OP42 ...	PENA4	AC2PEN, PT4(F)
ORP12 ...	ORP12	—
ORP60 ...	ORP60	—
P2 ...	—	—
P12-250 ...	*	LP4, PP3/250, PX4
P27-500 ...	—	PP5/400, PX25
P41 ...	—	—
P61 ...	—	—
P220(T) ...	—	—
P220(TH-AEI or H) ...	—	L2(F), 220PA
P220A ...	—	—
P225 (5-pin) ...	—	PT2
P240 ...	—	—
P435 ...	*	—
P440N ...	*	—
P441N ...	—	—
P495 ...	PENA4	PT4(F)
PA1 ...	—	41MXP
PA20 ...	*	2P
PABC80 ...	PABC80	9AK8
PB1 ...	*	L2(F), 220PA
PC86 ...	PC86	4CM4
PC88 ...	PC88	4D14
PC95 ...	PC95	—
PC97 ...	PC97	4FY5

Type	Mullard Direct Equivalent	Other Equivalents
PC900	PC900	—
PCC84	PCC84	B319, 7AN7, 30L1
PCC85	PCC85	9AQ8
PCC88	PCC88	7DJ8
PCC89	PCC89	7FC7
PCC189	PCC189	7E88
PCC805	30L15/PCC805	B349, 7EK7, 30L15
PCC806	—	30L17
PCE82	—	30FL12
PCE800	30FL1/PCE800	30FL1, 9GB8, LN339
PCF80	PCF80	LZ319, LZ329, 8A8, 9A8, 30C1
PCF82	PCF82	9U8
PCF84	PCF84	—
PCF86	PCF86	8HG8
PCF800	30C15/PCF800	LZ339, 9EN7, 30C15
PCF801	PCF801	—
PCF802	PCF802	9JW8
PCF805	30C18/PCF805	30C18
PCF806	PCF806	—
PCL82	PCL82	16A8
PCL83	PCL83	LN309
PCL84	PCL84	15DQ8
PCL85	PCL85	18GV8
PCL86	PCL86	14GW8
PCL88	30PL14/PCL88	30PL14, LN329
PCL800	30PL13/PCL800	16GK8, 30PL13
PCL801	30PL1/PCL801	LN319, 13GC8, 30PL1
PD220	—	—
PEN4DD	PEN4DD	—
PEN4V	*	—
PEN4VA	*	MKT4, MP/PEN, 7A2
PEN4VB	PENA4	KT41, PT4(F), 7A3
PEN24	—	—
PEN25	—	—
PEN26	*	—
PEN36C	*	7D6
PEN40DD	*	—
PEN44	*	—
PEN45	—	—
PEN45DD	—	—

Type	Mullard Direct Equivalent	Other Equivalents
PEN46	—	—
PEN220	—	KT2, PT2, 220OT
PEN230	—	—
PEN231	—	—
PEN383	—	—
PEN384	—	—
PEN428	—	—
PEN453DD	—	—
PEN650	*	—
PEN1340	—	7D8
PEN3520	*	7D6
PENA1	*	PT41
PENA4	PENA4	AC2PEN, KT41, PT4(F), 7A3, 42MP/PEN
PENB1	—	KT2, PT2, 220OT
PENB4	—	—
PENDD61	*	—
PENDD4020	*	—
PF818	30F5/PF818	7ED7, 30F5, Z329
PFL200	PFL200	—
PL33	PL33	—
PL36	—	25E5
PL38	PL38	—
PL38M	—	—
PL81	PL81	N152, N359, 21A6
PL82	PL82	N154, N329, 16A5, 30P1
PL83	PL83	N153, N309, 15A6
PL84	PL84	N379, 15CW5, 30P18
PL302	30P19/PL302	N389, 30P19
PL500	PL500	27GB5
PL801	30P12/PL801	30P12, 12FB5, N369
PL820	PL820	—
PM1A	—	—
PM1HF	—	210HF
PM1HL	—	—
PM1LF	—	—
PM2	—	220P
PM2A	—	L2(F)
PM2B	—	—
PM2BA	—	—

Type	Mullard Direct Equivalent	Other Equivalents
PM2DL	---	---
PM2DX	---	---
PM2HL	---	---
PM12	}	Z21, 215SG
PM12A		
PM12M	---	VS2, W21
PM22	---	220PT
PM22A	---	KT2, PT2, 220OT
PM22D	---	---
PM24	---	---
PM24A	---	---
PM24B	*	---
PM24C	*	---
PM24M	*	PT41
PM84	---	---
PM202	---	---
PM252	---	---
PP2	---	PT2
PP2s	---	---
PP3-250	---	LP4, PX4, 4XP
PP4	*	---
PP4s	*	---
PP5-400	---	PX25
PP6As	*	---
PP6BG	EL33	6AG6G
PP6Bs	*	---
PP14	*	---
PP14s	*	---
PP35	*	---
PP36	*	---
PP220	---	---
PT2	---	KT2, 220OT
PT4(F)	PENA4	AC2PEN, 7A3, 42MP/PEN
PT4(MO)	*	PT41
PT4D	*	AC2PENDD
PT10	---	ACSPEN
PT25H	---	---
PT41	*	---
PT240	---	---
PTZ	*	---

Type	Mullard Direct Equivalent	Other Equivalents
PV4	DW4-350	R42
PV29s	*	---
PV30	*	---
PV30s	*	---
PV495	*	1821
PV4200	DW4-500	1561
PVB6s	---	---
PX4	*	LP4, PP3/250, 4XP
PX5	---	PX25
PX25	---	PP5/400
PX41	*	LP4, PX4
PX230	---	LP2, P2
PY31	PY31	---
PY32	PY32	PY33, U291
PY33	PY33	---
PY80	PY80	U152, 19X3
PY81	PY81	U153, 17Z3
PY82	PY82	U154, U192, U319, 19SU, 19Y3
PY83	---	---
PY88	PY88	30AE3
PY301	U191/PY301	U191, U339, 19CS4
PY800	PY800	---
PY801	---	U193
PZ30	PZ30	---
QP21	---	240QP
QP22A	---	---
QP22B	---	240QP
QP25	---	---
QP230	---	240QP
QP240(H)	---	---
QP240(TH-AEI)	---	---
QPT2	*	240QP
R1	*	U10, UU5, 506BU
R2	1W4-350	MU14, R42, UU5, 1867
R3	1W4-500	MU14, UU5, 431U
R4	DW4-350	R2
R4A	DW4-500	R3, UU5, 1561
R10	---	HR2
R12	EY51	SU61, U43, U151, 6X2
R12A	EY51	6X2

Type	Mullard Direct Equivalent	Other Equivalents
R14 ...	PZ30	—
R16 ...	—	U37, 1T2
R19 ...	—	—
R20 ...	U26/KY80	U26, 2J2, U49, KY80
R41 ...	DW4-500	1561
R42 ...	IW4-350	UU5, 1867, 431U
R43 ...	*	—
R52 ...	{ GZ30	—
	{ 5Z4GT	—
RL7 ...	EF54	—
RL16... ..	—	—
RL18... ..	*	—
RL37... ..	EC54	—
RV120/350 ...	DW4-350	R4, U14
RV120/350s ..	*	—
RV120/500 ...	DW4-500	U14, UU5, 1561
RV120/500s ...	*	—
RV200/600 ...	FW4-500 or FW4-800	U18/20
RZ ...	URIC	CY1C
S4V ...	—	—
S4VA ...	—	—
S4VB... ..	—	MS4B
S11A... ..	*	506BU, 1821
S11D... ..	DW4-350	R2, R4
S21 ...	—	—
S22 ...	—	—
S23 ...	—	—
S24 ...	—	—
S30C... ..	*	LP4, PP3/250, 4XP
S30D... ..	*	2P
S213 ...	—	VS2, W21
S215 ...	—	—
S215A ...	—	—
S215B ...	—	—
S215VM ...	—	VS2, W21
S218 ...	—	Z22
S420 ...	VP4B	AC/VP2
S434N ...	—	VPT4 (5-pin)
S435N ...	—	MSB4, SPT4A

Type	Mullard Direct Equivalent	Other Equivalents
S1324 ...	—	—
S1328 ...	—	—
SD2 ...	—	—
SD4 ...	*	—
SD6 ...	—	—
SD61... ..	EA50	6D1(TH-AEI)
SE14/70 ...	—	C14PM
SE17/70 ...	—	C17PM
SE211C ...	—	VS2
SG215 ...	—	VS2, 215SG
SG215A ...	—	VS2, 215SG
SJ401B ...	—	—
SP2 ...	—	SPT2, 210SPT
SP4(M) ...	—	MS/PEN, SPT4A
SP4(T) ...	—	—
SP4B ...	—	MS/PENB
SP4C... ..	—	—
SP4s ...	—	—
SP6 ...	EF91	Z77, 6AM6, 6F12, 8D3
SP6s ...	*	—
SP13(M) ...	*	—
SP13(T) ...	*	—
SP13B ...	—	—
SP13C ...	—	8D2, 13SPA
SP13s ...	—	—
SP22 ...	—	—
SP41 ...	—	—
SP42 ...	—	—
SP61 ...	—	—
SP181 ...	—	—
SP210 ...	—	210SPT
SP215 ...	—	—
SP220 ...	—	—
SP1320 ...	—	—
SPT2... ..	—	210SPT
SPT4A ...	—	MS/PEN
SS210 ...	—	—
SU25... ..	—	—
SU61... ..	EY51	R12, U43, U151, 6X2
SU2150 ...	—	—



Type	Mullard Direct Equivalent	Other Equivalents
SU2150A ...	—	—
SX13 ...	—	—
SX634 ...	—	—
T4D ...	*	D1
T6D ...	EA50	—
T9/2 ...	—	T9/3
T9/3 ...	—	—
T9/4 ...	—	—
T9/5 ...	—	—
T12/2 ...	**	—
T12/44 ...	**	—
T12/46 ...	**	—
T12/54 ...	**	—
T12/56 ...	**	—
T12/71U ...	**	—
T12/72U ...	**	—
T12/81U ...	**	—
T12/82U ...	**	T12/72U
T12/91 ...	**	—
T12/92 ...	**	—
T12/100 ...	—	—
T12/404 ...	**	T12/44
T12/449 ...	**	T12/44
T12/504 ...	**	T12/549
T12/549 ...	**	—
T41(EK) ...	*	—
T41(TH-AEI)	—	—
T900 ...	—	—
T901 ...	MW41-1	—
T901A ...	MW41-1	—
T908 ...	**	—
T911 ...	**	—
T914 ...	**	—
TA10... ..	—	—
TA10J ...	—	—
TA15... ..	—	—
TA15J ...	—	—
TDD2 ...	—	—
TDD2A ...	—	HD24, H2D, 210DDT
TDD4 ...	—	AC/HL/DD, DDT, MHD4

Type	Mullard Direct Equivalent	Other Equivalents
TDD13 ...	*	—
TDD13C ...	*	—
TH2 ...	—	X24, 220TH
TH4 ...	*	X41, 41STH
TH4A ...	*	—
TH4B ...	*	4THA
TH13C ...	**	—
TH21C ...	—	TH2321, 202STH
TH22C ...	*	TH2321
TH29... ..	—	TH2321
TH30 ...	—	TH2321
TH30C ...	—	TH2321, 302THA
TH41... ..	*	—
TH62... ..	{ CCH35 (a.c./d.c.)	—
TH62... ..	ECH35(a.c.)	—
TH233 ...	*	—
TH2320 ...	*	TH2321
TH2321 ...	*	202STH
TJ1 ...	—	—
TJ2 ...	—	—
TJ3 ...	—	—
TP1 ...	—	—
TP2 ...	—	—
TP22... ..	—	—
TP23 ...	—	—
TP25 ...	—	—
TP2620 ...	—	—
TR14/1 ...	**	—
TR14/2 ...	**	—
TR14/4 ...	**	—
TR14/6 ...	**	—
TR14/12 ...	**	—
TR14/13 ...	**	—
TR14/15 ...	—	—
TR14/21 ...	**	—
TR17/1 ...	**	—
TR17/2 ...	**	—
TR17/7 ...	**	—
TR17/8 ...	**	TR17/10

Type	Mullard Direct Equivalent	Other Equivalents
TR17/10	...	—
TR17/21	...	—
TR17/22	...	—
TR21/20	...	—
TR21/21	...	—
TSE4...	...	—
TSP4...	...	—
TT4 ...	...	ML4
TT4A ...	...	—
TV4 ...	...	—
TV4A ...	...	—
TV6 ...	...	—
TX4 ...	...	X41
TX21...	...	TH2321
TX41...	...	—
TY86F ...	TY86F	—
U10 ...	*	UUS, 506BU
U12/13 ...	DW4-350	R4
U14 ...	DW4-500	R3, 1561
U16 ...	—	—
U17 ...	—	—
U18/20 ...	FW4-500 or FW4-800	—
U19 ...	—	—
U22 ...	—	—
U24 ...	—	—
U25 ...	U25/KY50	U47, KY50, 2L2
U26 ...	U26/KY80	U49, R20, KY80, 2J2
U31 ...	*	—
U33 ...	—	—
U35 ...	—	—
U37 ...	—	R16, 1T2
U41 ...	—	—
U43 ...	EY51	R12, SU61, U151, 6X2
U45 ...	—	—
U47 ...	U25/KY50	U25, KY50, 2L2
U49 ...	U26/KY80	U26, KY80, R20, 2J2
U50 ...	5Y3/GT	—
U52 ...	5U4	—
U54 ...	GZ37	53KU

Type	Mullard Direct Equivalent	Other Equivalents
U70 ...	{EZ35 6X5GT	—
U74 ...	...	—
U76 ...	...	—
U78 ...	EZ90	6X4
U81 ...	—	—
U82 ...	*	7Y4
U84 ...	*	—
U101 ...	*	—
U107...	**	—
U118...	*	U404
U119...	UY85	U381, 38A3
U142...	UY41	31A3, 311SU
U143 ...	AZ31	—
U145...	**	U404
U147 ...	{EZ35 6X5GT	—
U149...	*	7Y4
U150...	EZ40	66KU, 6BT4
U151...	EY51	R12, U43, SU61, 6X2
U152...	PY80	19X3
U153...	PY81	17Z3
U154...	PY82	U192, U319, 19Y3, 19SU
U191...	U191/PY301	U339 19CS4, PY301
U192...	PY82	U154, U319, 19SU, 19Y3
U193 ...	—	A61, PY801, U349
U201...	—	—
U251...	—	U329
U281...	—	—
U282...	—	—
U291...	PY32	PY33
U301...	U301/CY30	CY30
U309...	—	—
U319...	PY82	U154, U192, 19SU, 19Y3
U329...	—	U251
U339...	U191/PY301	U191, PY301, 19CS4
U349...	—	A61, U193
U381...	UY85	U119, 38A3
U403...	*	—
U404...	**	U118, U145

Type	Mullard Direct Equivalent	Other Equivalents
U709...	EZ81	UU12, 6CA4
U718...	—	UU9
U801...	—	—
U4020	*	40SUA
UABC80	UABC80	10LD12, DH109
UAF41	**	—
UAF42	UAF42	WD142, 12S7
UB41...	UB41	—
UBC41	UBC41	DH142, 10LD3, 14L7, 141DDT
UBC81	UBC81	10LD13, DH119
UBF80	UBF80	171DDP, 17C8
UBF89	UBF89	WD119, 10FD12, 19FL8
UBL21	UBL21	—
UC92	UC92	—
UCC84	UCC84	—
UCC85	UCC85	B109, 10L14
UCF80	UCF80	—
UCH4	*	—
UCH21	UCH21	—
UCH41	**	—
UCH42	UCH42	X142, 141TH, 14K7
UCH81	UCH81	10C14, X119, 19D8
UCL82	UCL82	LN119, 10PL12, 50BM8
UCL83	UCL83	—
UD2...	—	—
UF41...	UF41	W142, 12AC5, 121VP
UF42	UF42	Z142
UF80	UF80	—
UF85	UF85	—
UF86...	UF86	—
UF89...	UF89	—
UL41...	UL41	N142, 45A5, 45IPT
UL44...	UL44	—
UL46...	UL46	—
UL84...	UL84	N119, 10P18, 45B5
UM4...	UM4	—
UM34	*	—
UM80	UM80	Y119, 19BR5
UM84	—	—
URI...	—	—

Type	Mullard Direct Equivalent	Other Equivalents
UR1C	UR1C	CY1C
UR2...	*	—
UR3...	*	—
UR3C	*	—
UU2...	*	R2, R41
UU3...	—	—
UU4...	IW4-350	MU14, R2, R42, 1867
UU5...	IW4-350	MU14, R2, R42, 1867
UU6...	IW4-500	MU14, R3, 431U
UU7...	*	—
UU8...	—	—
UU9...	**	—
UU10	—	66KU
UU12	*	—
UU12	EZ81	U709, 6CA4
UU60-250	IW4-350	R2, R42, 1867
UU120-350	IW4-350	MU14, R2, R42, 1867
UU120-350A	IW4-350	R42, 1867
UU120-500(H)	IW4-500	MU14, R3, R43
UU120-500 (TH-AET)	DW4-500	1561
UY1N	UY1N	—
UY21	*	—
UY31	*	—
UY41	UY41	U142, 311SU, 31A3
UY42	UY41	U142, 311SU, 31A3
UY85	UY85	U119, U381, 38A3
V6/R2	—	—
V6/R4M	—	—
V10/3A	—	—
V10/15	—	—
V10/30	—	—
V10/30A	—	—
V10/50	—	—
V10/50B	—	—
V20...	UR1C	CY1C
V20s	—	—
V30	*	—
V312	—	41MTL
V503	—	—
V914	*	DDL4, D41

Type	Mullard Direct Equivalent	Other Equivalents
V1907	...	—
VFT6	...	6M1
VHT2	...	X22
VHT2A	...	210PG
VHT4	... FC4	MX40, 15A2, 41MPG
VHTA	...	—
VM4V	...	—
VMP4	...	VPT4 (5-pin)
VMP4G	...	MVS/PEN (7-pin)
VMS4	...	—
VMS4B	...	—
VO2	...	X22
VO2s...	...	—
VO4	... FC4	MX40, VHT4
VO4s...	...	—
VO6s...	...	—
VO13...	...	—
VO13s	...	—
VP2	...	W21, 210VPT
VP2B	...	—
VP4	...	MVS/PEN, VPT4
VP4A	...	MVS/PEN
VP4B...	... VP4B	AC/VP2, MVS/PENB
VP4C	...	*
VP6	... EF92	W77, 6CQ6, 6F21, 9D6
VP12D	...	—
VP13	...	*
VP13A	...	*
VP13B	...	*
VP13C	...	VP1322, 9D2, 13VPA
VP21	...	—
VP22	...	—
VP23	...	—
VP41(EK)	... VP4B	AC/VP2
VP41(TH-AET)	...	*
VP133	...	*
VP210	...	W21, 210VPT
VP215	...	W21
VP1322	...	9D2, 13VPA
VPT2...	...	210VPT

Type	Mullard Direct Equivalent	Other Equivalents
VPT4...	...	MVS/PEN
VPT4B	...	—
VS2	...	W21
VS24...	...	VS2
VS24K	...	VS2
VS210	...	VS2, W21
VS215	...	VS2, W21
VX2	...	—
VS2s	...	—
W17	... DF91	1F3, 1T4
W21	...	210VPA
W25	... DF96	1F1, 1AJ4
W42	...	AC/VP2, MVS/PENB
W61	...	—
W61M	...	*
W63	...	*
W76	...	—
W77	... EF92	6CQ6, 9D6, VP6, 6F21
W81	...	—
W101	...	**
W107	...	—
W118	...	10F9
W119	...	10F18
W142	... UF41	12AC5
W143	... EF22	—
W145	...	10F9
W147	... EF39	OM6
W148	...	7H7
W149	...	7B7
W150	... EF41	6CJ5, 62VP
W719	... EF85	6BY7, 6F19
W727	... EF93	6BA6
W729	...	—
W739	...	6F18
WD119	... UBF89	10FD12, 19FL8
WD142	... UAF42	12S7
WD150	... EAF42	6CT7
WD709	... EBF80	ZD152, 6N8
WG4A	...	—
WG4B	...	—

Type	Mullard Direct Equivalent	Other Equivalents
WG5A	...	—
WG5B	...	—
WG6A	...	—
WG7A	...	—
WG7B	...	—
WG7C	...	—
WG7D	...	—
X14	...	*
X17	... DK91	1C1, 1R5
X18	... DK92	X20, 1AC6, 1C2
X20	... DK92	1C2, X18, 1AC6
X21	...	VHT2A
X22	...	210PG
X24	...	220TH
X25	... DK96	1C3, 1AB6
X30	...	—
X31	...	—
X41	...	41STH
X42	...	15A2, 41MPG
X61M	... ECH35†	OM10†
X63	... 6A8G	—
X64	...	6L7G
X65	...	*
X71M	...	—
X76M	...	—
X77	... EK90	6BE6, X727
X78	...	—
X79	...	—
X81	...	7S7
X101	...	*
X109	...	—
X118	...	10C1
X119	... UCH81	10C14, 19D8
X142	... UCH42	141TH, 14K7
X143	... ECH21	—
X145	...	10C1
X147	... ECH35	OM10†
X148	...	7S7
X150	... ECH42	6C10, 6CU7, 62TH
X719	... ECH81	6AJ8, 6C12

Type	Mullard Direct Equivalent	Other Equivalents
X727	... EK90	6BE6
XFT1	...	—
XFT2	...	—
Y25	... DM70	1M1, 1M3
Y61	... *	6M1, 6U5G
Y62	... *	—
Y63	... *	6M1, 6U5G, 63ME
Y119	... UM80	19BR5
Y220	...	KT2, PT2
Z14	... 1N5G	—
Z21 (4-pin)	...	SPT2
Z21 (7-pin)	...	210SPT
Z22	...	SPT2, 210SPT
Z63	...	—
Z66	...	—
Z77	... EF91	SP6, 6AM6, 6F12, 8D3
Z90	... EF50	63SPT
Z142	... UF42	—
Z145	... *	10F1
Z150	... EF42	—
Z152	... EF80	Z719, 6BX6, 64SPT
Z309	...	—
Z329	... 30F5/PF818	30F5, PF818, 7ED7
Z359	...	—
Z719	... EF80	6BX6, Z152, 64SPT
Z729	... EF86	6F22, 6267
Z749	... 6F23/EF812	EF812, 6EL7, 6F23
Z759	...	—
ZD17	... DAF91	1FD9, 1S5
ZD25	... DAF96	1FD1, 1AH5
ZD152	... EBF80	6N8, WD709
0Z4	...	—
054V	... *	41MXP
1A3	... DA90	1D13
1A4E	...	—
1A4P	...	—
1A5GT	...	—
1A7G	...	X14
1A7GT	... DL32	—
1A7VG	... DK32	X14

Type	Mullard Direct Equivalent	Other Equivalents
1AB6...	DK96	1C3
1AC6...	DK92	X18, 1C2
1AH5 ...	DAF96	1FD1, ZD25
1AJ4 ...	DF96	1F1, W25
1AN5 ...	DF97	—
1C1(TH-AEI)	DK91	X17, 1R5
1C2 ...	DK92	X18, 1AC6
1C3 ...	DK96	1AB6
1C5G ...	DL35 1C5G	—
1C5GT ...		—
1D5 ...	*	40SUA
1D6 ...	*	—
1D7G ...	—	—
1D13 ...	DA90	1A3
1E5G ...	—	—
1F1 ...	DF96	1AJ4, W25
1F2 ...	DF92	1L4
1F3 ...	DF91	W17, 1T4
1F4 ...	—	—
1F5G ...	—	—
1FD1 ...	DAF96	1AH5, ZD25
1FD9 ...	DAF91	ZD17, 1S5
1H5G ...	DAC32 (C1) 1H5G	HD14
1H5GT ...		DAC32 (C1)
1H6G ...	*	—
1L4 ...	DF92	1F2
1LA6E ...	*	—
1LD5... ..	**	—
1LH4... ..	*	—
1LN5... ..	*	—
1M1 ...	DM70	Y25
1M3 ...	DM70	—
1N5G ...	1N5G	Z14
1N5GT ...	DF33	—
1N5VG ...	DF33	Z14
1P1 ...	DL96	3C4
1P10 ...	DL92	N17, 354
1P11 ...	DL94	N19, 3V4
1Q5GT ...	*	—

Type	Mullard Direct Equivalent	Other Equivalents
1R5 ...	DK91	X17, 1C1(TH-AEI)
1S2 ...	DY86	1S2A, DY87
1S2A ...	DY87	—
1S4 ...	**	—
1S5 ...	DAF91	ZD17, 1FD9
1T2 ...	—	R16
1T4 ...	DF91	W17, 1F3
1T5GT ...	—	—
1U4 ...	—	—
1U5 ...	**	—
2-AD140 ...	2-AD140	—
2D2 ...	*	—
2D4 ...	*	—
2D4A ...	*	DDL4
2D4B... ..	*	—
2D13 ...	*	—
2D13A ...		—
2D13C ...	*	—
2J2 ...	U26/KY80	KY80, U26, U49, R20
2L2 ...	U251KY50	KY50, U25, U47
2-OA79 ...	2-OA79	—
2-OC26 ...	2-OC26	—
2-OC72 ...	2-OC72	—
2-OC74 ...	2-OC74	—
2P ...	*	—
2XP ...	*	—
3/1 ...	—	—
3/2 ...	—	—
3/3 ...	—	—
3/4 ...	—	—
3/5 ...	—	—
3/6A ...	—	—
3/16 ...	—	—
3/18 ...	—	—
3/20 ...	—	—
3/31 ...	—	—
3/32 ...	—	—
3A4 ...	DL93	—
3A5 ...	DCC90	—
3C4 ...	DL96	1P1

Type	Mullard Direct Equivalent	Other Equivalents
3D6 ...	—	—
3NP4... ..	MW6-2	—
3O4 ... ..	**	N18
3Q5G ... ..	DL33	N16
3Q5GT ... ..	3Q5GT	—
3S4 ... ..	DL92	N17, 1P10
3V4 ... ..	DL94	N19, 1P11
4/13 ... ..	—	—
4/14 ... ..	—	—
4/14G ... ..	**	—
4/15 ... ..	**	—
4/15G ... ..	**	—
4/100BU ... ..	FW4-500	U18/20
4CM4 ... ..	PC86	—
4D1 ... ..	*	—
4DL4... ..	PC88	—
4FY5... ..	PC97	—
4THA ... ..	*	—
4TPB... ..	—	—
4TSA... ..	—	—
4TSP ... ..	—	—
4XP ... ..	*	LP4, PP3/250, PX4
5/2 ... ..	**	—
5/2T ... ..	**	—
5/3 ... ..	—	—
5/3T ... ..	—	—
5A04 ... ..	GZ32	—
5AR4 ... ..	GZ34	—
5U4G ... ..	5U4G	U52
5V4G ... ..	5V4G	—
5X4G ... ..	*	—
5Y3G/GT ... ..	5Y3G/GT	U50
5Y4G ... ..	*	—
5Z3 ... ..	*	—
5Z4 ... ..	GZ30	—
5Z4G ... ..	5Z4GT	—
5Z4GT ... ..	GZ30	—
	5Z4GT	—
6/5 ... ..	—	—
6/6 ... ..	—	—

Type	Mullard Direct Equivalent	Other Equivalents
6/7 ... ..	—	—
6A6 ... ..	*	—
6A7 ... ..	*	—
6A8G ... ..	6A8G	X63
6A8GT ... ..	*	—
6AB7... ..	*	—
6AB8... ..	ECL80	LN152, 63TP
6AC7... ..	—	—
6AD8 ... ..	—	—
6AG6G ... ..	EL33	KT61
6AJ8 ... ..	ECH81	X719, 6C12
6AK5 ... ..	EF95	DP61
6AK6 ... ..	—	—
6AK8 ... ..	EACB80	DH719, 6LD12, 6T8
6ALS... ..	EB91	DD6(C or F), D77, D152, 6D2
6AM5 ... ..	EL91	N77, N144
6AM6 ... ..	EF91	SP6, Z77, 6F12, 8D3
6AN7 ... ..	—	—
6AQ4 ... ..	EC91	6L34
6AQ5 ... ..	EL90	N727
6AQ8 ... ..	ECC85	B719, 6L12
6AS5... ..	—	—
6AS7G ... ..	—	A1834
6AT6... ..	EBC90	DH77
6AU6 ... ..	EF94	—
6AV4... ..	—	—
6AV6... ..	EBC91	—
6B7 ... ..	—	—
6B8G... ..	—	—
6B8GT ... ..	—	—
6BA6... ..	EF93	W727
6BD7A ... ..	EBC81	6LD13
6BE6... ..	EK90	X727
6BG6G ... ..	—	—
6BH6... ..	—	—
6BJ5 ... ..	—	N78
6BJ6 ... ..	—	—
6BL8... ..	ECF80	—
6BM8 ... ..	ECL82	—
6BN5... ..	EL85	—

Type	Mullard Direct Equivalent	Other Equivalents
6BQ5...	EL84	N709, 6P15
6BR3...	—	65ME
6BR7...	—	—
6BT4...	EZ40	U150, UU9, 66KU
6BW6	—	—
6BW7	—	—
6BX6...	EF80	Z152, Z719, 64SPT
6BY7...	EF85	W719, 6F19
6C4...	EC90	L77
6C5G	—	—
6C5GT	—	—
6C6	*	—
6C9	**	—
6C10...	ECH42	X150, 62TH
6C11	—	—
6C12...	ECH81	X719, 6AJ8
6C16...	ECF80	6BL8
6C31	*	—
6CA4...	EZ31	U709, UU12
6CA7...	EL34	—
6CD6G	—	—
6CD7	EM34	—
6CH6	EL821	7D10
6CJ5...	EF41	—
6CJ6...	EL81	—
6CK5	EL41	—
6CK6	EL83	—
6CM5	EL36	—
6CN6	EL38	—
6CQ6...	EF92	9D6, W77, 6F21
6CS6...	EH90	—
6CT7...	EAF42	—
6CU7	ECH42	—
6CV7...	EBC41	DH150, 62DDT
6CW7	ECC84	6L16
6D1(TH-AEI)	EA50	SD61
6D2	EB91	DD6(C or F), D77, 6AL5, D152
6D3	—	—
6D6	*	—
6DA5	EM81	—

Type	Mullard Direct Equivalent	Other Equivalents
6DA6	EF89	—
6DC8	EBF89	6FD12
6DJ8...	ECC88	—
6DL5...	EL95	—
6DR8	EBF83	—
6DS8...	ECH83	—
6E5GT	—	—
6E8G...	ECH35†	—
6E1H7...	EF183	6F29
6EJ7...	EF184	6F30
6EL7...	6F23/EF812	EF812, 6F23, Z749
6ER5...	EC95	—
6ES6...	EF97	—
6ET6...	EF98	—
6F1	**	—
6F5G...	—	H63
6F6G...	6F6G	KT63
6F8G...	*	—
6F11	—	—
6F12...	EF91	SP6, Z77, 6AM6, 8D3
6F13	**	—
6F14	—	—
6F15	**	—
6F16...	EF41	62VP
6F17	—	—
6F18	*	W739
6F19...	EF85	W719, 6BY7, 6F26
6F21...	EF92	VP6, W77, 6CQ6, 9D6
6F22...	EF86	Z729, 6267
6F23...	6F23/EF812	EF812, 6EL7, Z749
6F24	**	—
6F25	**	—
6F26...	EF85	6BY7, W719
6F27	—	—
6F28	—	—
6F29	EF183	6EH7
6F30	EF184	6EJ7
6F32	—	—
6F33	—	—
6FD12	EBF89	—



Type	Mullard Direct Equivalent	Other Equivalents
6FG6	... EM84	—
6G5G	... —	6M1
6GA8	... 6/30L2/ECC804	B729, 6/30L2
6GW8	... ECL86	—
6H6G	... EB34†	D63
6H6GT	... EB34†	—
6HU6	... EM87	—
6J5G	... 6J5G	L63
6J5GT	... 6J5GT	—
6J6	... ECC91	—
6I7G	... —	Z63
6J7GT	... —	—
6J8G	... *	—
6JX8	... EC1184	—
6K5G	... —	—
6K6G	... *	—
6K7G	... —	—
6K7GT	... —	—
6K8G	... —	—
6K8GT	... 6K8GT	—
6K25	... —	—
6L1	... —	—
6L6G	... —	—
6L7G	... —	—
6L12	... ECC85	B719, 6AQ8
6L13	... ECC83	B339, 12AX7
6L15	... —	—
6L16	... ECC84	6CW7
6L18	... —	—
6L19	... —	—
6L34	... EC91	—
6LD3	... EBC41	DH150, 62DDT
6LD12	... EABC80	DH719, 6AK8, 6T8
6LD13	... EBC81	6BD7A
6LD20	... —	—
6M1	... *	63ME
6M2	... —	—
6M6G	... EL33	KT61, 6AG6G
6N6G	... —	—
6N7GT	... —	—

Type	Mullard Direct Equivalent	Other Equivalents
6N8	... EBF80	WD709, ZD152
6P1	... —	—
6P8G	... ECH35†	—
6P15	... EL84	N709, 6BQ5
6P25	... —	KT61
6P26	... —	—
6P28	... *	—
6Q7G	... *	DH63
6Q7GT	... 6Q7GT	—
6R3	... EY81	—
6R6G	... —	—
6R7G	... —	DL63
6S2	... EY86	—
6SA7	... **	—
6SC7	... *	—
6SC7GT	... *	—
6SG7	... **	—
6SH7	... —	—
6SJ7	... *	—
6SJ7GT	... *	—
6SK7GT	... 6SK7GT	—
6SL7GT	... ECC35†	—
6SN7GT	... 6SN7GT	B65
6SQ7GT	... *	—
6SS7	... —	—
6T8	... EABC80	DH719, 6AK8
6U4GT	... —	—
6U5/6G5	... *	—
6U5G	... *	6M1, 63ME
6U7G	... —	—
6U8	... ECF82	—
6V4	... EZ80	—
6V6G	... 6V6G	—
6V6GT	... 6V6GT	—
6W2	... —	—
6W7G	... *	—
6X2	... EY51	R12, SU61, U43, U151
6X4	... EZ90	U78
6X5G	... EZ35	—
6X5G	... 6X5GT	—

Type	Mullard Direct Equivalent	Other Equivalents
6X5GT ...	{ EZ35 6X5GT	—
6ZY5G ...	—	—
6/30L2 ...	6/30L2/ECC804	B729, 6GA8, ECC804
7A2 ...	—	MKT4, MP/PEN
7A3 ...	PENA4	AC2PEN, KT41, PT4 (F), 42MP/PEN
7A4 ...	*	—
7A7 ...	*	—
7A8 ...	*	—
7AN7 ...	PCC84	B319, 30L1
7B5 ...	*	—
7B6 ...	*	DH81
7B7 ...	*	—
7B8 ...	*	—
7C5 ...	*	—
7C6 ...	*	DH149
7D3 ...	—	—
7D6 ...	*	—
7D8 ...	—	—
7D9 ...	EL91	N77, N144, 6AM5
7D10 ...	EL821	6CH6
7D18 ...	PCC88	—
7ED7... ..	30F5/PF818	30F5, Z329
7EK7... ..	30L15/PCC805	B349, 30L15
7ES8 ...	PCC189	—
7F7 ...	*	—
7F16 ...	EF41	—
7FC7... ..	PCC89	—
7H7 ...	**	—
7K7 ...	—	—
7N7 ...	*	—
7Q7 ...	**	—
7R7 ...	—	—
7S7 ...	—	—
7Y4 ...	*	U82
7ZA ...	—	—
8A1 ...	—	MSP4, MS/PEN, SPT4A
8A8 ...	PCF80	LZ319, 30C1, LZ329, 9A8
8D2 ...	—	13SPA

Type	Mullard Direct Equivalent	Other Equivalents
8D3 ...	EF91	SP6, Z77, 6AM6, 6F12
8D8 ...	EF86f	—
8HG8 ...	PCF86	—
9A1 ...	—	MVS/PEN
9A8 ...	PCF80	LZ319, LZ329, 8A8, 30C1
9AK8 ...	PABC80	—
9AQ8 ...	PCC85	—
9BW6 ...	—	—
9D2 ...	*	VP1322, 13VPA
9D6 ...	EF92	W77, 6CQ6, VP6, 6F21
9D7 ...	—	—
9EN7... ..	30C15/PCF800	LZ339, 30C15
9GB8... ..	30FL1/PCE800	LN339, 30FL1
9JW8... ..	PCF802	—
9U8 ...	PCF82	—
10C1 ...	—	X118, X145
10C2 ...	—	—
10C14 ...	UCH81	X119, 19D8
10D1 ...	*	—
10D2... ..	—	—
10F1 ...	**	Z145
10F3 ...	**	—
10F9 ...	*	W145
10F18 ...	*	W119
10FD12 ...	UBF89	WD119, 19FL8
10L1 ...	—	—
10L14 ...	UCC85	B109
10LD3 ...	UBC41	DH142, 14L7
10LD11 ...	—	DL145
10LD12 ...	UABC80	DH109
10LD13 ...	UBC81	DH119
10M1... ..	—	—
10M2... ..	—	—
10P13 ...	—	N145
10P14 ...	**	—
10P18 ...	UL84	N119, 45B5
10PL12 ...	UCL82	LN119, 50BM8
11A2 ...	*	AC/HL/DD, DDMHD4
11D3 ...	—	—
11D5 ...	—	—

Type	Mullard Direct Equivalent	Other Equivalents
12A6...	---	---
12AC5	UF41	---
12AC6	---	---
12AD6	---	---
12AE6	---	---
12AH7	---	---
12AH8	---	---
12AT6	HBC90	---
12AT7	ECC81	B309, B152
12AU7	ECC82	B329
12AV6	HBC91	---
12AX7	ECC83	B339, 6L13
12BA6	HF93	---
12BE6	HK90	---
12BH7	---	---
12BL6	---	---
12C8GT	---	---
12FB5	30P12/PL801	N369, 30P12
12J7GT	12J7GT	---
12K5...	---	---
12K7GT	12K7GT	---
12K8GT	---	---
12Q7GT	12Q7GT	---
12S7...	UAF42	---
12SA7GT	---	---
12SC7	---	---
12SJ7GT	*	---
12SK7GT	12SK7GT	---
12SL7GT	---	---
12SN7GT	12SN7GT	B36
12SQ7GT	*	---
12SR7	---	---
12U5G	---	---
12XP4	MW31-74	C12FM, 121K
12XP4A	MW31-74	121K
12Z3...	*	---
13GC8	30PLI/PCL801	LN319, 30PLI
13PGA	---	---
13SPA	---	8D2
13VPA	*	VP1322, 9D2

Type	Mullard Direct Equivalent	Other Equivalents
14ABP4	AW36-20	---
14ABP4A	AW36-20	---
14AHP4A	AW36-80	---
14B6...	*	---
14GW8	PCL86	---
14H7...	**	---
14K7...	UCH42	X142, 141TH
14KP4	MW36-24	141K, C36-24, 14LP4
14KP4A	MW36-24	141K, C36-24, 14LP4
14L7...	UBC41	19LD3, DH142
14LP4	MW36-24	141K, C36-24, 14KP4
14R7...	---	---
14S7...	---	---
14XP4A	---	---
15...	---	---
15A2...	*	MX40, 41MPG
15A6...	PL83	N153, N309
15CW5	PL84	N379, 30P18
15D1...	---	---
15D2...	---	---
15DQ8	PCL84	---
15EP4	---	---
16A5...	PL82	N154, N329, 30P16
16A8...	PCL82	---
16GK8	30PL13/PCL800	30PL13, PCL800
17ARP4	**	171K
17ASP4	**	171K
17AXP4	**	171K
17BQP4	MW43-69	---
17BTP4	AW43-80	---
17C8...	UBF80	171DDP
17CVP4	AW43-88	C17AA
17Z3...	PY81	U153
18...	---	---
18D2...	---	---
18D3...	---	---
18GV8	PCL85	---
19AQ5	---	---
19BG6G	---	---
19CS4	U191/PY301	U191, U339, PY301

Type	Mullard Direct Equivalent	Other Equivalents
19D8...	UCH81	10C14, X119
19FL8...	UBF89	WD119, 10FD12
19SU...	PY82	U154, U319, U192, 19Y3
19T8...	—	—
19X3...	PY80	U152, U309
19Y3...	PY82	U154, U319, U192, 19SU
20A1...	*	X41, 41STH
20D1...	—	—
20D2...	—	—
20D4...	—	—
20F2...	—	—
20L1...	—	—
20P1...	—	—
20P2...	—	—
20P3...	—	—
20P4...	20P4/CL30	CL30
20P5...	—	—
21A6...	PL81	N152, N359
21CJP4...	MW53-20	—
21CLP4...	AW53-80	—
25A6G...	25A6G	—
25E5...	PL36	—
25L6GT...	25L6GT	KT32
25RE...	—	—
25U4GT...	—	—
25Y5...	—	—
25Z4G...	25Z4G	—
25Z4GT...	25Z4G	—
25Z5...	—	—
25Z6GT...	—	—
27GB5...	PL500	—
27SU...	—	—
30AE3...	PY88	—
30C1...	PCF80	LZ319, 9A8, LZ329, 8A8
30C13...	—	—
30C15...	30C15/PCF800	LZ339, 9EN7
30C17...	—	—
30C18...	30C18/PCF805	PCF805
30F5...	30F5/PF818	PF818, Z329, 7ED7
30F27...	—	—

Type	Mullard Direct Equivalent	Other Equivalents.
30FL1...	30FL1/PCE800	LN339, PCE800, 9GB8
30FL12...	—	PCE82
30FL13...	—	—
30L1...	PCC84	B319, 7AN7
30L15...	30L15/PCC805	B349, 7EK7, PCC805
30L17...	—	PCC806
30P4...	—	N308
30P12...	30P12/PL801	N369, PL801, 12FB5
30P14...	—	—
30P16...	PL82	N154, N329, 16A5
30P18...	PL84	N379, 15CW5
30P19...	30P19/PL302	PL302, N389
30PL1...	30PL1/PCL801	LN319, 13GC8, PCL801
30PL13...	30PL13/PCL800	PCL800, 16GK8
30PL14...	30PL14/PCL88	LN329, PCL88
31A3...	UY41	U142, 311SU
35A5...	—	—
35L6GT...	—	—
35RE...	*	—
35W4...	HY90	—
35Z3...	*	—
35Z5GT...	35Z5GT	—
36...	*	—
38A3...	UY85	U119, U381
39/44...	*	—
40SUA...	*	U4020, 1D5
41E...	*	—
41FP...	—	—
41MH...	—	AC2HL
41MHF...	*	41MHL
41MHL...	*	—
41MP...	*	—
41MPG...	FC4	MX40, VHT4, 15A2
41MPL...	*	—
41MPT...	—	—
41MSG...	—	MS/PEN, SPT4A
41MTA...	—	41MTL
41MTL...	*	—
41MTS...	—	—
41MXP...	—	—

Type	Mullard Direct Equivalent	Other Equivalents
41STH ...	*	—
42 ...	42	—
42/42E ...	—	—
42MP/PEN ...	PENA4	AC2PEN, KT41, PT4(F), 7A3
42MPT ...	—	—
42OT... ...	PENA4	AC2PEN, KT41, 42MP/PEN
42OT/DD ...	*	AC2PENDD
42PTB ...	—	—
42SPT ...	—	—
43 ...	43	—
43E } ...	—	—
43IU ...	*	MU14, R2, UU5
44IU ...	IW4-500	MU14, R3, UU5
45A5 ...	UL41	—
45B5 ...	UL84	10P18, N119
45IU ...	*	—
50A5 ...	—	—
50B5 ...	*	—
50BM8 ...	UCL82	LN119, 10PL12
50C5 ...	HL92	—
50CD6G ...	—	—
50L6GT ...	50L6GT	KT71
52KU ...	—	—
53KU ...	GZ37	U54
54KU ...	GZ32	—
61BT... ...	—	—
61SPT ...	—	—
62BT... ...	—	—
62DDT ...	EBC41	DH150, 6LD3
62TH... ...	ECH42	X150, 6C10
62VP... ...	EF41	W150
63ME ...	*	Y63, 6M1
63SPT ...	EF50	—
63TP... ...	ECL80	—
64ME ...	EM34	6M2
64SPT ...	EF80	Z152, Z719, 6BX6
65K ...	—	—
65K/2 ...	—	—
65ME ...	—	—
66KU ...	EZ40	U150, UU9, 6BJ4

Type	Mullard Direct Equivalent	Other Equivalents
67PT ...	EL41	N150
75 ...	*	—
75K ...	—	—
76 ...	—	—
77/77E ...	*	—
78/78E ...	*	—
79 ...	—	—
80 ...	80	—
83 ...	—	—
83V ...	*	—
84/6Z4 ...	*	—
85K ...	—	—
105K ...	—	—
108K ...	—	—
112K... ...	**	—
121K ...	MW31-74	C12FM
121VP ...	UF41	—
141DDT ...	UBC41	10LD3, 14L7, DH142
141K... ...	MW36-24	14KP4A, C36-24, 14LP4
141TH ...	UCH42	X142, 14K7
142BT ...	—	—
154V ...	*	MHL4
164V ...	*	MHL4
171DDP ...	UBF80	17C8
171K... ...	**	17ASP4
172K... ...	MW43-69	—
173K... ...	MW43-69	—
185BT ...	—	—
185BTA ...	—	—
202DDT ...	*	—
202STH ...	—	TH2321
202VP ...	—	—
202VPB ...	—	—
203THA ...	—	—
210DDT ...	—	HD2
210DET ...	—	210HF
210HF ...	—	—
210HL ...	—	210HF
210HPT ...	—	—
210LF ...	—	—

Type	Mullard Direct Equivalent	Other Equivalents
210PG ...	—	X22
210RC ...	—	—
210SPG ...	—	—
210SPT ...	*	Z22
210VPA ...	—	—
210VPT ...	—	W21
212K ...	MW53-80	—
215P ...	—	—
215SG ...	—	Z21
220B ...	—	—
220HPT ...	—	KT2, PT2, 220OT
220OT ...	—	KT2, PT2
220P ...	—	—
220PA ...	—	L2
220PT ...	—	—
220SG ...	—	Z21, 215SG
220TH ...	—	X24
220Vs ...	—	VS2, W21
220VSG ...	—	VS2, W21, 210VPT
225DU ...	—	—
230PT ...	—	—
230XP ...	—	—
240QP ...	—	—
244V ...	*	MH4
302THA ...	—	TH2321
311SU ...	UY41	U142, 31A3
332PEN ...	CL33	—
345V ...	*	AC/HL, MH4
402P ...	—	—
402PEN ...	—	—
402PENA ...	—	—
405BU ...	—	—
408BU ...	*	506BU, 1821
442BU ...	DW4-350	R2, U14, UUS
451PT ...	UL41	N142
460BU ...	DW4-500	R3, U14, UUS, 1561
484V ...	*	—
506BU ...	*	U10, 1821
904V ...	—	—
994V ...	—	—

Type	Mullard Direct Equivalent	Other Equivalents
1561 ...	...	DW4-500 U14
1629 ...	...	—
1821 ...	...	* U10
1861 ...	...	IW4-500 MU14
1867 ...	...	IW4-350 MU14, R42
1877 ...	...	—
1881 ...	...	* —
2101 ...	...	—
2102 ...	...	—
6153T ...	...	* —
6267 ...	...	EF86 Z729, 6F22
6504A ...	...	** —
6505A ...	...	** —
6506A ...	...	** —
6703A ...	...	** —
6704A ...	...	** —
6705A ...	...	** —
6706A ...	...	** —
6801A ...	...	—
6802A ...	...	—
6901A ...	...	** —
7101A ...	...	** —
7102A ...	...	** —
7201A ...	...	** —
7202 ...	...	** —
7203A ...	...	** —
7204 ...	...	—
7204A ...	...	** CRM144
7205A ...	...	** CME1402
7401A ...	...	** —
7404A ...	...	** CRM172
7405A ...	...	** CME1703
7406A ...	...	** CME1705
7501A ...	...	** —
7502A ...	...	** CRM212
7503A ...	...	** CME2101
7504A ...	...	** —
7601A ...	...	—
7701A ...	...	** CME1901
		AW59-95, CME2301

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MULLARD HOUSE,  
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