

## 7400 series ICs. - "in house" numbers used by the ICL Computer Club

Basic type No.	"normal"	LS	S	H	Other	Operational description
7400	A	AL	AZ	AX	74F00	Quad 2 I/P NAND
7401	J					Quad 2 I/P NAND O.C.
7402	H	HL	HZ			Quad 2 I/P NOR
7403			JZ			Quad 2 I/P NAND O.C.
7404	V	VL	VZ	VX		Hex Inverter
7405	W	WL				Hex Inverter O.C.
7406	W					Hex Inverter O.C.
7407	Y1					Hex Buffer
7408	Y20	Y20L				Quad 2 I/P AND
7410	U	UL	UZ	UX		Triple 3 I/P NAND
7411		Y2L	YZ			Triple 3 I/P AND
7413	S					Dual 4 I/P NAND Schmitt
7414	Y7	Y7L				Hex Inverter Schmitt
7416						Hex Inverter Buffer O.C.
7420	B	BL	BZ	BX		Dual 4 I/P NAND
7421						Dual 4 I/P AND
7425						Dual 4 I/P NOR
7427	Y8	Y8L				Triple 3 I/P NOR
7428	P					Quad 2 I/P NOR Buffer
7430	F			FX		8 I/P NAND
7432	Y17	Y17L	Y17Z			Quad 2 I/P OR
7437			Y11			Quad 2 I/P NAND
7438	Y6		Y12			Quad 2 I/P NAND O.C.
7440	G					Dual 4 I/P NAND
7442						BCD to Decimal Converter
7447						BCD to 7 segment Decoder/Driver
7451	C	CL				Dual 2 I/P AND-OR-INVERT
7474	D	DL	DZ	DX	74L74	Dual Bistable
7475	M69					4 Bit Bi-Stable Latch
74L78						Dual J/K Flip Flop
7480						Full Adder
7485	M8	M8L	M8Z			4 Bit Comparator
7486	E	EL				Quad EX-OR

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7489	M12					16 x 4 RAM O.C.
7490						Decade Counter
7493						Ripple Counter
7495	M10					4-Bit Shift Register
7496	M17	M63L				5-Bit Shift Register
74112		IL	IZ			Dual J/K Flip Flop
74121	N					Monostable. Non-Retrig
74122	K					Monostable. Retrig
74123	Y14					Dual Mono. Re-Trig
74125		Y19L				Quad Bi-Stable Buffer
74132	Y15	Y15L				Quad 2-I/P NAND Schmitt
74133			Y4			13 I/P NAND
74135						Quad EX-OR
74138		M20L	M20			3 - 8 Line Decoder
74139		M52L				Dual 2 - 4 Line Decoder
74140*			GZ			Dual 4 I/P NAND
74145	M45	M45L				BCD-Decimal Line Decode
74148		M16L				8 - 3 Line Priority Encoder
74151	M6					8 I/P MPX
74153	M5	M25L	M25			Dual 4 - 1 MPX
74154						1 OF 16 Decoder
74155	M11					Dual 2 - 4 MPX
74156	M13					Dual 2 - 4 Line Decoder / DMPX
74157	M7					Quad 2 I/P MPX
74161		*161				4 Bit binary Counter (74LS161)
74164	M19					8 bit Shift Register
74165	M102	M33				8 bit Shift Register
74166		*166				8 bit Shift Register (74LS166)
74169		M59L				4 Bit UP DOWN Counter
74173		M61L				Quad 3-State Latch
74174	Y13	M23L	M23			Hex D Bi-stable
74175		M21L	M21			Quad D Bi-stable
74181	L1		L1Z			4 Bit ALU
74182			M24			CARRY LOOK AHEAD
74190	M41					4 Bit decade counter
74191	M9	M9L				4 Bit binary counter

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74192						Up/ Down decade counter
74193	M37					4 bit Up/ Down counter
74194		M28L	M28			4 bit Shift Register
74221	Y9	Y9L				Dual Monostable
74225			M85Z			16 x 5 FIFO
74240*		M53L				Octal Buffer 3-State
74241*		M191				Octal Buffer
74244*		M71L				Octal Drive 3-State
8T245*		M42L				Octal Transceiver
74253*		M51L				8 - 1 line Multiplexer
74257		M40L				Quad 2 - 1 Mpx. 3-State
74259	M36					8 bit Addressable Latch
74273*		M76L				Octal D Type FLIP FLOP
74280	M4					9 Bit Parity Generator
74283	M29					FULL Adder
74287*						256 x 4 PROM
74288*			ME			32 x 8 PROM
74289			M12Z			16 x 4 RAM O.C.
74365						Hex Buffer 3-State
74367	M73					Hex Bus Driver 3-State
74373		M50L				Octal D Latch 3-State
74374		M49L				Octal FLIP FLOP 3-State
74387*			MD			256 x 4 PROM O.C.
74390	M74					Dual Decade Counter
74393	M57	M57L				Dual Binary Counter
74670	M34	M34L				4 x 4 Register File
8216	M39					4 Bit Bi-Directional Bus Driver
MC1488	TB#					RS 232 Transmitter
MC1489	RB#					RS 232 Receiver
93415	M22					1K RAM
2102	M505					1k RAM (Also M506, M521)
AY51013	M509					UART (actually AY-5-1013)
LM324	LN11					Quad Op-Amp

nnnnn\* = Suggests does not exist as "standard" version.