

SN74xx SELEKCIJA

Tip	Funkcija	Pin	Tip	Funkcija	Pin
NAND GATES			7454	4x2 AND/NOR	14
7400	4x2-Input	14	7455	2x4 AND/NOR	14
7401	4x2-Input	14	74135	4x2 Ex-NOR/Ex-OR	16
7403	4x2-Input	14	74256	2x NAND 2x INVERTER	16
7410	3x3-Input	14	744078	1X8 OR/NOR	14
7412	3x3-Input	14	SCHMITT-TRIGGER		
7420	2x4-Input	14	7413	2x4 NAND - Schmitt Trigger	14
7422	2x4-Input	14	7414	6x Schmitt - Trigger/Inverter	14
7426	4x2-Input 15V	14	7418	2x4 NAND Schmitt Trigger	14
7430	1x8-Input	14	7419	6x Schmitt Trigger/Inverter	14
74133	1x13-Input	16	7424	4x2 NAND Schmitt Trigger	14
74134	1x12-Input	16	74132	4x2 NAND Schmitt-Trigger	14
NAND-BUFFER/DRIVER GATES			74914	6x Schmitt Trigger/Inverter	14
7437	4x2-Input Buffer	14	EXPANDER		
7438	4x2-Input Buffer	14	7460	2x4 AND EXPANDER	14
7439	4x2-Input Buffer	14	BUFFER/DRIVER INVERTING		
7440	2x4-Input Buffer	14	7404	6x Inverter	14
NOR GATES			7405	6x Inverter	14
7402	4x2 NOR	14	7406	6x Inverter 30V	14
7423	2x4 NOR	16	7416	6x Inverter 15V	14
7425	2x4 NOR	14	NON-INVERTING		
7427	3x3 NOR	14	7407	6x Driver	14
74260	2x5 NOR	14	7417	6x Driver	14
744002	2x4 NOR	14	74902	6x Driver	14
NOR-BUFFER/DRIVER GATES			74906	6x Buffer (Open Drain)	14
7428	4x2 NOR Buffer	14	744050	6x Buffer	16
7433	4x2 NOR Buffer	14	EDGE TRIGGERED J-K FLIP-FLOP		
AND GATES			7470	1x Flip-Flop with Preset and Clear	14
7408	4x2 AND	14	74109	2x Flip-Flop with Preset and Clear	16
7409	4x2 AND	14	74112	2x Flip-Flop with Preset and Clear	16
7411	3x3 AND	14	74113	2x Flip-Flop with Preset	14
7415	3x3 AND	14	74114	2x Flip-Flop with Preset and Clear	14
7421	2x4 AND	14	IMPULS TRIGGERED J-K FLIP-FLOP		
OR GATES			7472	1x Flip-Flop with Preset and Clear	14
7432	4x2 OR	14	74104	1x Flip-Flop with Preset and Clear	14
744075	3x3 OR	14	74105	1x Flip-Flop with Preset and Clear	14
EXCLUSIVE NOR GATES			74110	1x Flip-Flop	14
74266	4x2 Ex-NOR	14	74111	2x Flip-Flop	16
EXCLUSIVE OR GATES			EDGE/IMPULS TRIGGERED J-K FLIP-FLOP		
7486	4x2 Ex OR	14	7473	2x Flip-Flop with Clear	14
74136	4x2 Ex OR	14	7476	2x Flip-Flop with Preset and Clear	16
74386	4x2 Ex OR	14	7478	2x Flip-Flop with Preset and Clear	14
COMBINED GATES			74107	2x Flip-Flop with Clear	14
7450	Dual 2x2 AND/NOR	14	RS-FLIPFLOPS		
7451	Dual 2x3 AND/NOR	14	74279	4x NAND Flip-Flop	16
7453	4x2 AND/NOR	14			

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Tip	Funkcija	Pin	Tip	Funkcija	Pin
NON INVERTING D-LATCHES			74197	4-bit Asynchronous with Preset	14
7477	2x2-bit Latch	14	744040	4-bit Asynchronous	14
74116	2x4-bit Latch with Clear	24	74293	2x4-bit Asynchronous	14
74363	8- bit Latch with Enable	20	74590	8-bit Asynchronous with Register	16
74373	8- bit Latch with Enable	20	74592	8-bit Asynchronous with Preset	16
74573	8- bit Latch with Enable	20	744020	14-bit Asynchronous	16
INVERTING D-LATCHES			744024	7-bit Asynchronous	14
74533	8- bit Latch with Enable	20	744040	12-bit Asynchronous	16
74563	8- bit Latch with Enable	20	744060	14-bit Asynchronous	14
NON INVERTING/INVERTING D-LATCHES			744520	2x4-bit Synchronous	16
7475	2x2-bit Latch	16	BINARY UP/DOWN COUNTER		
74375	2x2-bit Latch	16	74169	4-bit Synchronous with Preset	16
ADDRESSABLE D-LATCHES			74191	4-bit Synchronous with Preset	16
74256	2x4-bit Adressable Latch	16	74193	4-bit Synchronous with Preset	16
74259	8-bit Adressable Latch	16	74669	4-bit Synchronous with Preset	16
NON INVERTING D-FLIPFLOP			BINARY DOWN COUNTER		
74173	4-bit D-Register	16	7440103	8-bit Synchronous	16
74174	6-bit D-Register	16	DECIMAL UP COUNTER		
74273	8-bit D-Register	20	7490	4-bit Asynchronous	14
74374	8-bit Register with Enable	20	74142	4-bit Synch. with Decimal-Decod./Drv	16
74377	8-bit D-Register	20	74143	4-bit Synch. with 7-Segment Decoder	24
74378	6-bit D-Register	16	74144	4-bit Synch. with 7-Segment Decoder	24
74574	8-bit Register with Enable	20	74160	4-bit Synhr. with Preset and Clear	16
INVERTING D-FLIPFLOP			74162	4-bit Synhr. with Preset and Clear	16
74534	8-bit Register with enable	20	74176	4-bit Synhr. with Preset	14
74564	8-bit Register with enable	20	74196	4-bit Asynchronous with Preset	14
74576	8-bit Register with enable	20	74290	4-bit Asynchronous	14
NON INVERTING/INVERTING D-FLIPFLOP			74390	2x4-bit Asynchronous	16
7474	2x Flip-Flop with Preset and Clear	14	74490	2x4-bit Asynchronous	16
74379	4x Flip-Flop with Clear	16	DECIMAL UP/DOWN COUNTER		
74175	4x Flip-Flop with Clear	16	74168	4-bit Synchronous with Preset	16
MONOFLOPS D-FLIPFLOP			74190	4-bit Synchronous with Preset	16
74121	1x Monoflop non Retriggerable	14	74192	4-bit Synchronous with Preset	16
74122	1x Monoflop Retriggerable	16	MISCELLANECUS COUNTER		
74123	2x Monoflop Retriggerable	16	74928	Display Counter	18
74396	2x4-bit Pipeline Register	16	744017	Johnson Decade Counter	16
74221	2x Monoflop non Retriggerable	16	SERIAL SHIFT REGISTER		
74423	2x Monoflop Retriggerable	16	7491	8-bit Singel Right	14
BINARY UP COUNTER			SERIAL INPUT/PARALLEL OUTPUT SHIFT REGISTER		
7492	4-bit Asynchronous	14	74589	8-bit Right	16
7493	4-bit Asynchronous	14	744094	8-bit Right	16
74161	4-bit Synhr. with Preset and Clear	16	PARALLEL INPUT SHIFT REGISTER		
74163	4-bit Synhr. with Preset and Clear	16	7494	4-bit NOR Input	16
74177	4-bit Asynchronous with Preset	14	74165	8-bit with Clear	16
			74166	8-bit with Clear	16
			74674	16 - bit	24

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Tip	Funkcija	Pin	Tip	Funkcija	Pin
PARALLEL OUTPUT SHIFT REGISTER					
74164	8-bit	14	74154	4-bit Inverter	24
74595	8-bit with Latch	16	74155	2x2-bit Inverter	16
PARALLEL OUTPUT/INPUT SHIFT REGISTER					
7495	4-bit Right/Left	14	74156	2x2-bit Inverter	16
7496	5-bit Right	16	74159	4-bit Inverter	24
74178	4-bit Right with Clear	14	74237	3-to-8	16
74179	4-bit Right with Clear	16	74238	3-to-8	16
74194	4-bit Right/Left	16	ADDER		
74195	4-bit Right/Left with Clear	16	7480	1-bit	14
74198	8-bit Right/Left	24	7482	2-bit	14
74199	8-bit Right with Clear	24	7483	4-bit	16
74295	4-bit Right with Clear	14	74183	2x1 bit	14
74299	8-bit Right/Left	20	74283	4-bit	16
74322	8-bit Right	20	MULTIPLIER		
74323	8-bit Right/Left	20	74261	2x4 bit	16
74395	4-bit Right with Clear	16	74284	4x4 bit	16
74597	8-bit Right with Input Latch	16	74285	4x4 bit	16
OSCILLATOR					
74124	2x Voltage controlled	16	PARITY CHECK		
74320	1x Crystal	16	74180	9-bit	14
74321	1x Crystal	16	74280	9-bit	14
74324	1x Voltage controlled	14	ARITHMETIC/LOGIC		
74624	1x Voltage controlled	14	74181	4-bit	24
74628	1x Voltage controlled	14	COMPARATOR		
74629	2x Voltage controlled	16	7485	4-bit	16
MULTIPLEXER					
74150	16-to-1 Inverter	24	74682	8-bit with Pull-up	20
74151	8-to-1 with Enable	24	74688	8-bit with Enable	20
74152	8-to-1 Inverter	14	74689	8-bit with Enable	20
74153	2x4-to-1	16	MISCELLANEOUS		
74157	4x2-to-1	16	74182	Look - Ahead Carry Generator	16
74158	4x2-to-1 Inverter	16	74275	7-bit Wallace Tree Element	16
74251	8-to-1 with Enable	16	BCD TO DECIMAL DECODERS		
74253	2x4-to-1	16	7441	4-bit with Driver (70V)	16
74257	4x2-to-1	16	7442	4-bit	16
74258	4x2-to-1 Inverter	16	7445	4-bit with Driver (30V)	16
74298	4x2-to-1 with Register	16	74141	4-bit with Driver (60V)	16
74352	2x4-to-1 Inverter	16	74145	4-bit with Driver (15V)	16
74353	2x4-to-1 Inverter	16	74445	4-bit with Driver (7V)	16
74356	8-to-1 with Register	20	BCD TO 7-SEGMENT DECODERS		
74399	4x2-to-1 with Register	16	7446	4-bit with Driver (30V)	16
744051	8-to-1	16	7447	4-bit with Driver (15V)	16
744052	4-to-1	16	7448	4-bit with Driver (5,5V)	16
744053	3-to-2	16	7449	4-bit with Driver (5,5V)	14
744067	16-to-1	24	74246	4-bit with Driver (30V)	16
744514	4-to-16 with Latch	24	74247	4-bit with Driver (15V)	16
DEMUTIPLEXER					
74137	3-bit with Adres Register	16	74248	4-bit with Driver (5,5V)	16
74138	3-bit Inverter	16	74249	4-bit with Driver (5,5V)	16
74139	2x2-bit Inverter	16	74347	4-bit with Driver (7V)	16
			744511	With Driver	16
			744543	With Driver	16

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Tip	Funkcija	Pin	Tip	Funkcija	Pin
BINARY TO BCD DECODERS					
74185	8-bit	16	74621	8-bit with Reg.-Bidirectional	20
			74623	8-bit with Reg.-Bidirectional	20
			74641	8-bit Bidirectional	20
			74645	8-bit Bidirectional	20
74147	10-to-4-Line	16	74646	8-bit with Register-Bidirectional	24
74148	8-to-3-Line	16	74652	8-bit with Register-Bidirectional	24
74348	8-to-3 Line	16			
PRIORITY ENCODER					
MISCELLANEOUS DECODERS					
7443	Excess 3 to Decimal	16	74242	4-bit Bidirectional	14
7444	Excess 3-Gray to Decimal	16	74620	8-bit with Register-Bidirectional	20
74915	7-Segment to BCD Decoder	18	74640	8-bit Bidirectional	20
74922	15-Key Encoder	18	74642	8-bit Bidirectional	20
74923	20-Key Encoder	20			
DIVIDERS					
7456	50-1	8	7484	SRAM 16x1-bit	16
7457	60-1	8	7489	SRAM 16x4-bit	16
7497	6-bit Programmable	16	74170	SRAM 4x4-bit	16
74292	32-bit Programmable	16	74172	SRAM 8x2-bit	24
74294	16-bit Programmable	16	74189	SRAM 16x4-bit	16
			74387	PROM 256x4-bit	16
			74471	PROM 256x8-bit	20
			74670	SRAM 4x4-bit	16
NON-INVERTING BUS/LINE DRIVERS					
74125	4-bit	14	MISCELLANEOUS		
74126	4-bit	14	7463	6x Current Sensor	14
74241	2x4-bit	20	74128	4x250Ohm Line Driver	14
74244	2x4-bit	20	74140	2x250Ohm Line Driver	14
74365	6-bit with Enable	16	74297	Phase Lock Loop Filter	16
74367	4+2-bit with Freigabe	16	74911	LCD Controller	28
74541	8-bit with Enable	20	74912	6-Digit-BCD LED Display Driver	28
			74925	4-Digit Counter with 7-Segment Driver	16
			74926	4-Digit Counter with 7-Segment Driver	18
INVERTING BUS/LINE DRIVERS					
74240	2x4-bit	20	744016	4x Analog Switch	14
74366	6 Inverter/Driver	16	744046	Phase Lock Loop	16
74368	4+2-bit	16	744049	6x Inverter Level Shifter	16
74540	8-bit	20	744059	Prescaler/Frequency Divider	24
			744066	4x Analog Switch	14
			744316	4x Analog Switch	16
NON-INVERTING BUS TRANCEIVER					
74243	4-bit Bidirectional	14	744518	2x BCD Counter	16
74245	8-bit Bidirectional	20	744538	2x Precision Monostable Multivibrator	16

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Tip	STANDARD TTL					CMOS		
	N	LS	ALS	S	F	C	HC	HCT
7400	X	X	X	→	X	X	X	X
7401	→	X				X	X	
7402	X	X			X		X	X
7403	→	X					X	X
7404	X	X		→	X	X	X	X
7405	X	X						X
7406	X	X						
7407	X	X						
7408	X	X			X		X	X
7409	→	X						
7410	→	X			X	X	X	X
7411	→	X					X	X
7412	→	X						
7413	→	X						
7414	→	X			X	X	X	X
7415	→	X						
7416	X							
7417	X							
7418		X						
7419	→	X						
7420	→	X					X	X
7421	→	X					X	X
7422	→	X						
7423	X							
7424		X						
7425	X							
7426	→	X						
7427	→	X						X
7428	→	X						
7430	→	X						X
7432	→	X			X	X	X	X
7433	→	X						
7436	→						X	
7437	→	X						
7438	X	X			X			
7439	X							
7440	X	X						
7441	X							
7442	→	X				X	X	X
7443	X	X						
7444	X							
7445	X							
7446	X							
7447	X	X						
7448	→	X				X		
7449	→	X						
7450	X							
7451	X	X						
7453	X							
7454	X	X						
7455		X						
7456		X						
7457	→	X						
7458								
7460	X							
7463		X						
7468		X						
7469		X						
7470	X							
7472	X							

Tip	STANDARD TTL					CMOS		
	N	LS	ALS	S	F	C	HC	HCT
7473	X	X				X	X	X
7474	→	X	X		X	X	X	X
7475	→	X				X	X	X
7476	X	X					X	
7477		X						
7478		X						
7480	X							
7482	X							
7483	X	X						
7484	X							
7485	→	X				X	X	X
7486	→	X				X	X	X
7489	X							
7490	→	X				X		
7491	→	X						
7492	→	X						
7493	→	X				X	X	X
7494	X							
7495	→	X						
7496	→	X						
7497	X							
74104	X							
74105	X							
74107	→	X			X		X	X
74109	→	X					X	X
74110	X							
74111	X							
74112	→	X		X				X
74113		X					X	
74114		X						
74116	X							
74121	X							
74122	→	X						
74123	→	X					X	X
74124	→	X						
74125	→	X					X	X
74126	→	X						X
74128	X							
74131							X	
74132	→	X					X	X
74133	→	X					X	
74134	→			X				
74135	→			X				
74136	→	X						
74137	→	X					X	X
74138	→	X			X		X	X
74139	→	X					X	X
74140				X				
74141	X							
74142	X							
74143	X							
74144	X							
74145	→	X						
74147	→	X						X
74148	→	X						
74150	X						X	
74151	→	X					X	X
74152	→	X						
74153	→	X					X	X
74154	→	X						X

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Tip	STANDARD TTL					CMOS		
	N	LS	ALS	S	F	C	HC	HCT
74155	→	X					X	X
74156	X	X						
74157	→	X			X	X	X	X
74158	→	X						X
74159	X							
74160	→	X						X
74161	X	X			X			X
74162	→	X						X
74163	→	X					X	X
74164	→	X					X	X
74165	→	X					X	X
74166	→	X					X	X
74168	→	X						
74169	→	X						
74170	→	X						
74172	X							
74173	X	X					X	X
74174	→	X					X	X
74175	→	X		X			X	X
74176	X							
74177	X							
74178	X							
74179	X							
74180	X							
74181	→	X						
74182	→	X						
74183		X						
74185	X							
74189		X						
74190	→	X						X
74191	→	X					X	X
74192	→	X						X
74193	→	X			X		X	X
74194	→	X						X
74195	→	X						X
74196	→	X						
74197	→	X						
74198	X							
74199	X							
74219	→	X						
74221	→	X				X	X	X
74222	→	X						
74224	→	X						
74237								X
74238		X					X	X
74239							X	X
74240		X			X		X	X
74241		X					X	X
74242		X						
74243		X						X
74244	→	X			X	X	X	X
74245	→	X			X		X	X
74246	X							
74247	→	X						
74248	→	X						
74249	→	X						
74251	→	X					X	X
74253		X					X	
74256		X						
74257	→	X					X	X

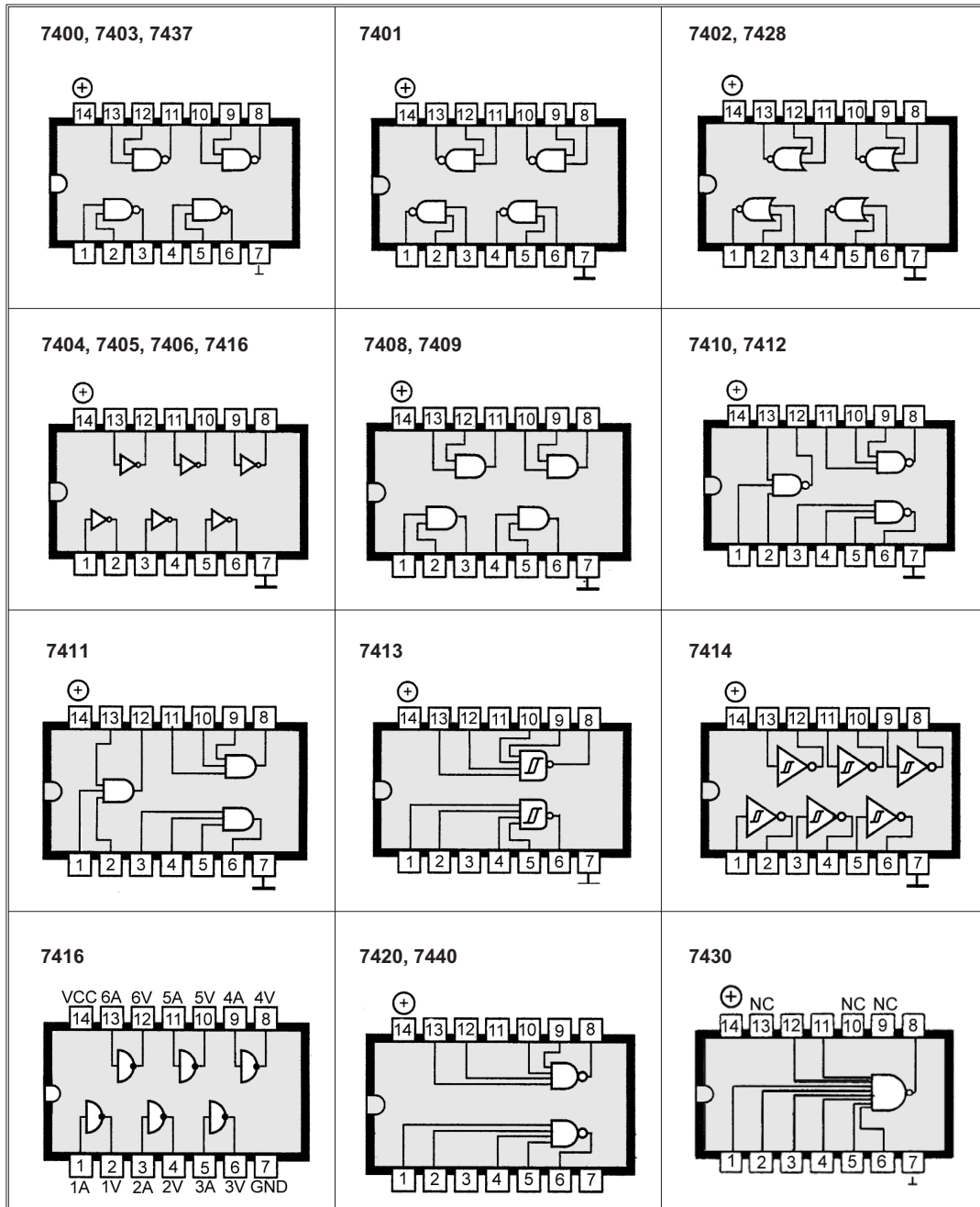
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	N	LS	ALS	S	F	C	HC	HCT
74258		X						
74259	→	X					X	X
74260		X						
74261		X						
74265	X							
74266	→	X						
74273	→	X					X	X
74275		X						
74278	→	X						
74279	→	X					X	X
74280		X					X	
74283	→	X					X	
74284	X							
74285	X							
74290		X						
74292		X						
74293	→	X						
74294		X					X	
74295		X						
74297		X						
74298	X	X						
74299		X					X	X
74320		X						
74321		X						
74322		X						
74323		X						
74324		X						
74347		X						
74348		X						
74352		X						
74353		X						
74354							X	X
74356								X
74363		X						
74365	X	X					X	X
74366	→	X					X	
74367	X	X						X
74368	X	X						X
74373	→	X	X				X	X
74374	→	X	X		X		X	X
74375		X					X	
74377		X					X	X
74378		X						
74379		X						
74386		X						
74387				X				
74390	→	X					X	X
74393	→	X					X	X
74395		X						
74396		X						
74398		X						
74399		X						
74423		X						
74445		X						
74465								
74490	→	X						
74533		X					X	
74534								X
74540		X					X	X
74541		X						X

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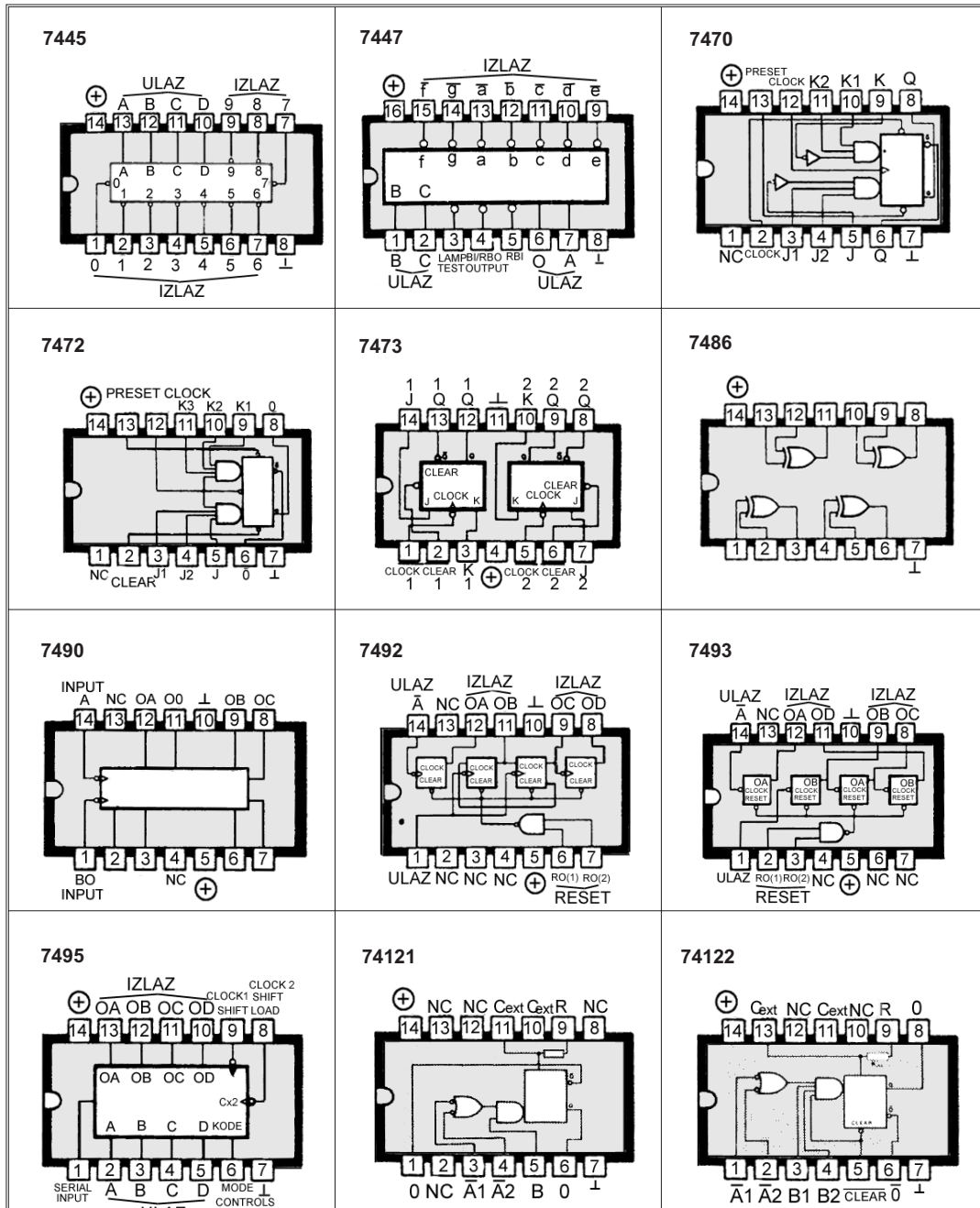
Tip	STANDARD TTL					CMOS		
	N	LS	ALS	S	F	C	HC	HCT
74563							X	X
74564								X
74573		X	X				X	X
74574		X	X				X	X
74576			X					
74583							X	X
74589							X	
74590		X					X	
74592		X						
74595		X					X	X
74597		X					X	
74604							X	
74620		X						
74621		X						
74622		X						
74623		X						
74624		X						
74625		X						
74626		X						
74627		X						
74628		X						
74629		X						
74638		X						
74639		X						
74640		X						X
74641		X						
74642		X						
74643		X						
74644		X						
74645		X						
74646		X					*	*
74648							X	X
74651							X	X
74652								X
74665								X
74668		X						
74669		X						
74670		X						
74673		X						
74674		X						
74682		X					X	
74688		X					X	X
74689	→	X						X
74690		X					X	
74691							X	
74692							X	
74693							X	
74696							X	
74697							X	
74698							X	
74699							X	
74795		X						
74796		X						
74797		X						
74798		X						
74804							X	
74805							X	

Tip	STANDARD TTL					CMOS		
	N	LS	ALS	S	F	C	HC	HCT
74902						X		
74906						X		
74911						X		
74912						X		
74914						X		
74915						X		
74922						X		
74923						X		
74925						X		
74926						X		
74928						X		
744002							X	X
744015							X	X
744016							X	X
744017							X	X
744020							X	X
744022							X	
744024							X	X
744028							X	
744040							X	X
744046							X	X
744049							X	
744050							X	
744051							X	X
744052							X	X
744053							X	X
744059							X	X
744060							X	X
744061							X	
744066							X	X
744067							X	X
744072							X	
744075							X	X
744078							X	
744094							X	X
744316							X	X
744351							X	X
744352							X	X
744353							X	X
744510							X	X
744511							X	X
744514							X	X
744515							X	X
744516							X	X
744518							X	X
744520							X	X
744538							X	X
744543							X	X
747030								X
747046							X	X
747266							X	
747292							X	
747294							X	
7440102							X	X
7440103							X	X
7440104							X	X
7440105							X	X

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