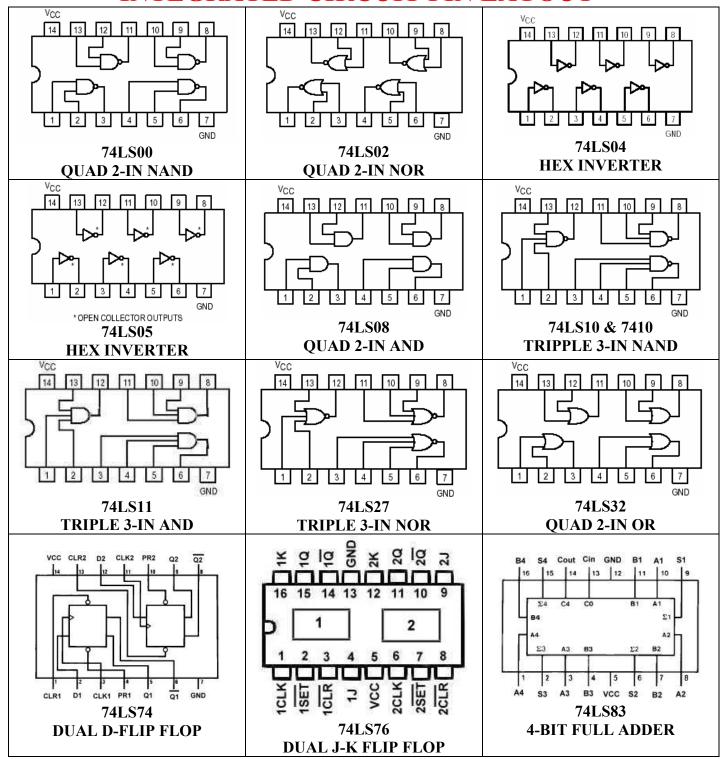
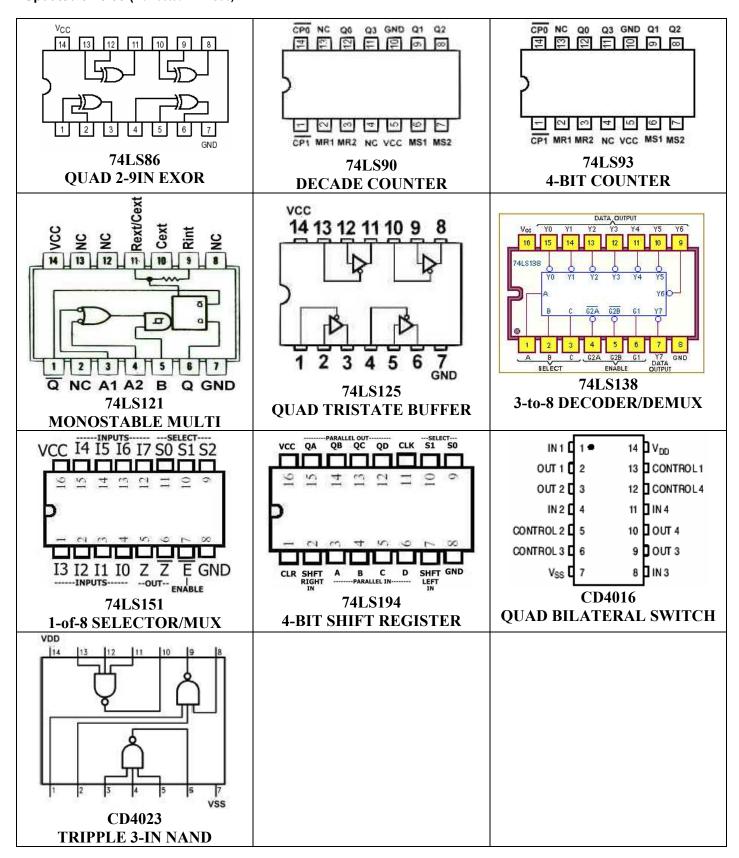
INTEGRATED CIRCUIT PIN LAYOUT

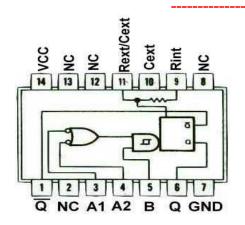


Updated 9/25/03 (Corrected L74LS90)



Updated 9/25/03 (Corrected L74LS90)

DETAIS OF THE 74LS121 MONOSTABLE MULTIVIBRATOR

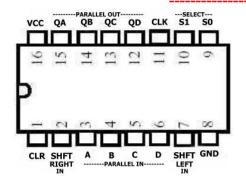


	FUN	ICTIO	TABLE			
17	VPUTS	OUTPUTS				
A1	AŽ	8	Q Q			
L	ж	н	L H			
х	L	H	L† H†			
x	×	L	Lt Ht			
н	н	×	Lt Ht			
н	1	H				
ı .	н	н				
ı	1	н	17. 7.			
L	×	1	12.7			
×	L	ŧ	77 77			

Pulse Width, $t_w = 0.7 * C_{ext} * R_{ext}$

Ex: $C_{ext} = 0.001 \mu f$, $R_{ext} = 1 K\Omega$, will yield a Pulse Width, $t_w = 70 \eta s$

DETAILS OF THE 74LS194 4-BIT SHIFT REGISTER



				1	FUNCTIO	N T	ABLE						
INPUTS								OUTPUTS					
CLEAR	MODE		ar now	SERIAL		PARALLEL				200	200		
	51	S0	CLOCK	LEFT	RIGHT	A	8	C	D	OA	αB	ac	OD
L	X	×	×	×	×	X	X	Х	×	L	L	L	. 1.
H	X	×	L	×	X	×	×	X	×	QA0	080	Oco	apo
н	H	H	1	×	×		b	c	d		b	0	d
H	L	H	501	×	14	×	×	×	×	H	DAn	QBo	OCn
H	L	н	1	X	L	X	×	X	×	L		OBn	
н	H	L	1	Н	×	X	×	x	×	QBn	Q _{Cn}	QDn	н
H	н	L.	1.3	L	×	х	×	x	×	Ogn	OCn	Ω_{Dn}	L
14	L	t.	×	×	×	X.	×	X	×	QAO	080	Oco	Opo

