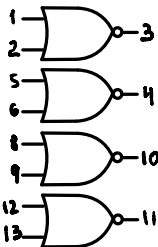
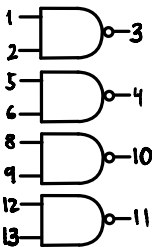


CD4001



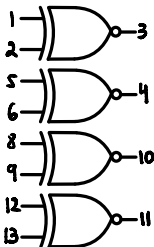
125, 60, 45ns

CD4011



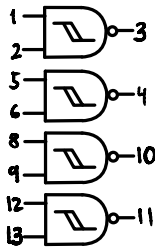
100, 50, 40ns

CD4077



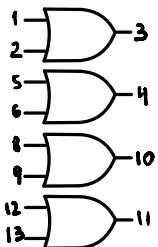
140, 65, 50ns

CD4093



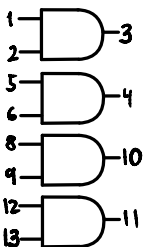
190, 90, 65ns

CD4071

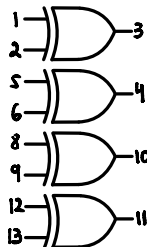


125, 60, 45ns

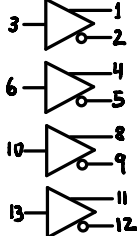
CD4081



125, 60, 45ns

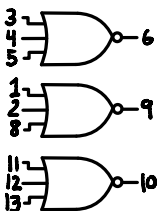
~~CD4030~~
CD4070

140, 65, 50ns

CD4041
+/- 10mA

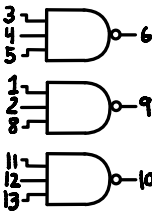
60, 35, 25ns

CD4025



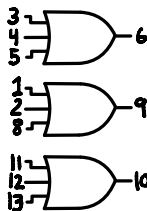
125, 60, 45ns

CD4023



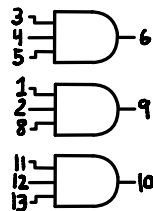
125, 60, 45ns

CD4075



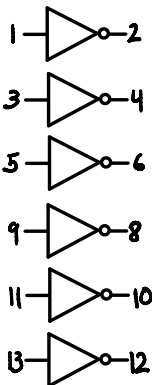
125, 60, 45ns

CD4073

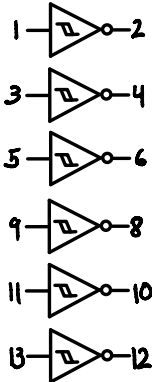


125, 60, 45ns

CD4069



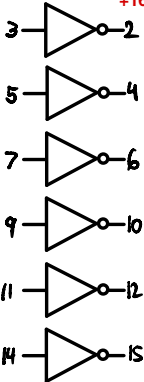
55, 30, 25ns

CD40106
MC14584

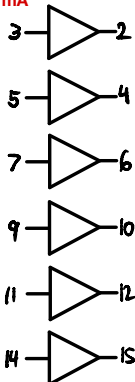
140, 70, 60ns

~~CD4009~~
CD4049U

+16/-3 mA

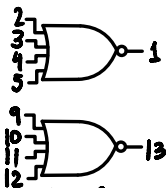


60, 32, 25ns

4009, 4010: $V_2=1, V_2=16, L=8, NC=13$ 4049, 4050: $V_{cc}=1, L=8, NC=13, 16$ ~~CD4010~~
CD4050

70, 40, 30ns

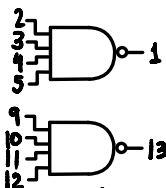
CD4002



NC=6,8

125, 60, 45ns

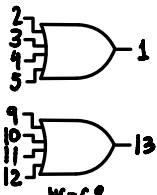
CD4012



NC=6,8

125, 60, 45ns

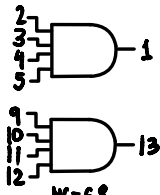
CD4072



NC=6,8

125, 60, 45ns

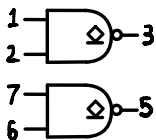
CD4082



NC=6,8

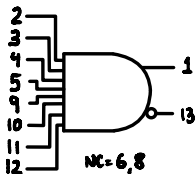
125, 60, 45ns

CD40107



100, 60, 50ns

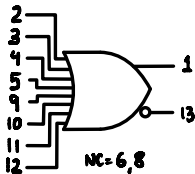
CD4068



NC=6,8

150, 75, 55ns

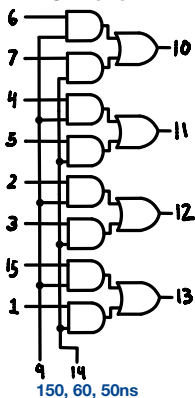
CD4078



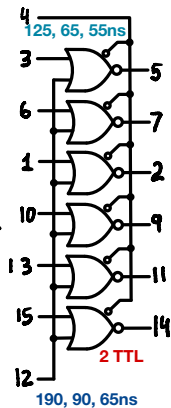
NC=6,8

150, 75, 55ns

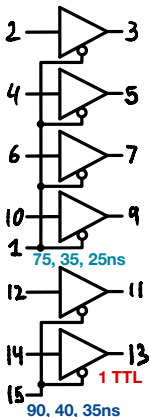
CD4519
CD4019



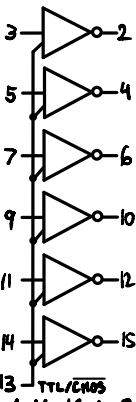
CD4502



CD4503

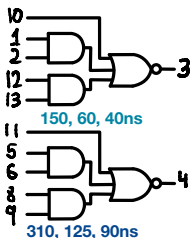


CD4504

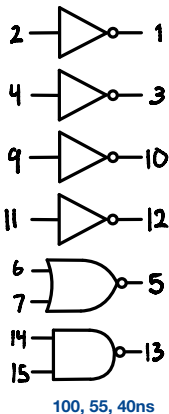


$V_1 = 1, V_2 = 16, I = 8$
5-10, 5-15, 10-15
TH: 140, 140ns
LH: 120, 120, 70ns
HL: 275, 275, 70ns

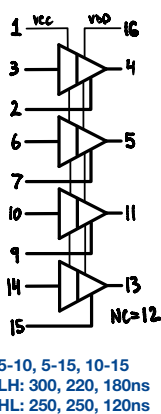
CD4085



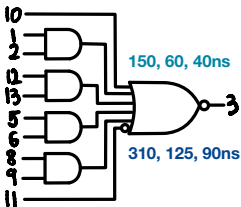
CD4572U



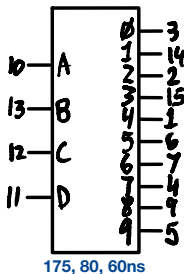
CD40109



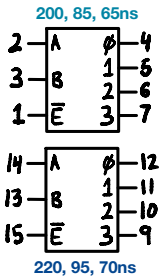
CD4086



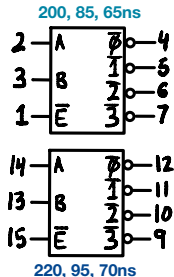
CD4028



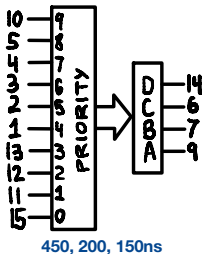
CD4555



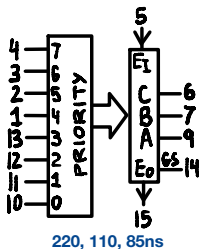
CD4556



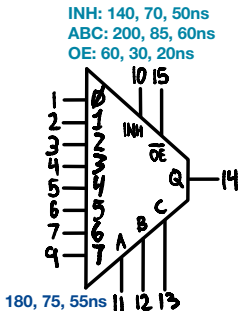
CD40147



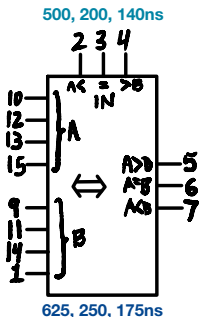
CD4532



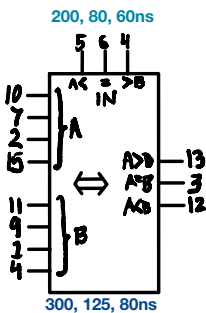
CD4512



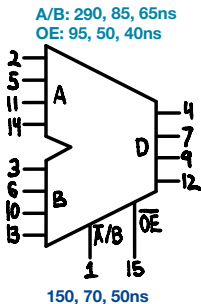
CD4063



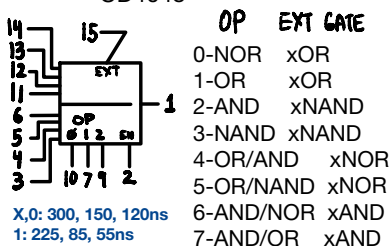
CD4585



CD40257



CD4048



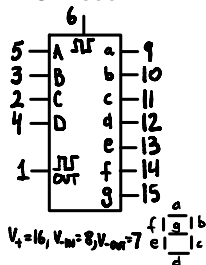
X,0: 300, 150, 120ns

1: 225, 85, 55ns

2: 140, 50, 40ns

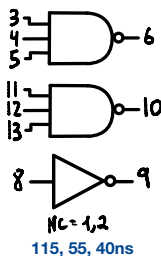
EXT: 190, 90, 65ns

CD4055

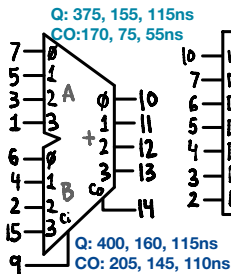


600, 575, 375ns

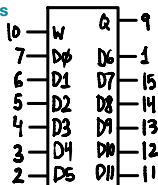
MC14000U



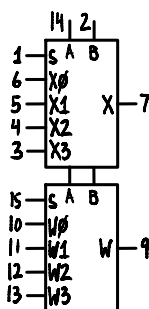
CD4008



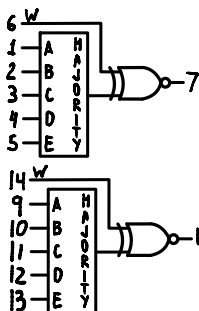
MC14531



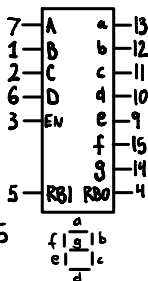
MC14539



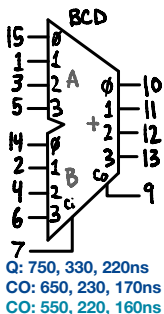
MC14530



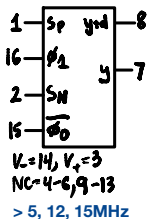
MC14558



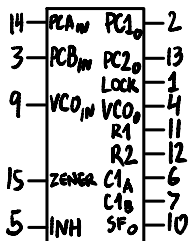
MC14560



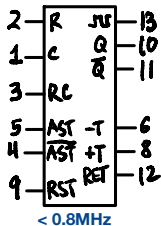
CD4045



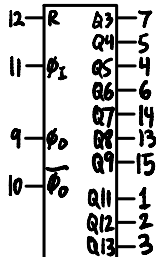
CD4046



CD4047

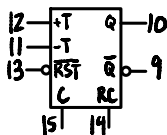
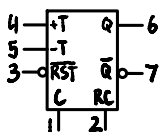


CD4060



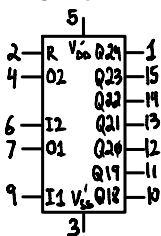
CD4098

CD14538

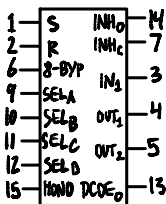


T 140, 60, 40ns

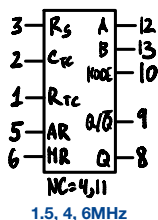
CD4521



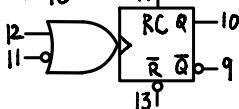
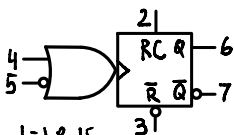
CD4536



CD4541

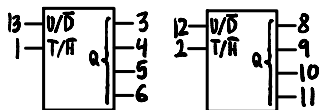


CD4528



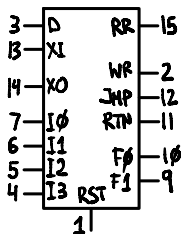
CD40117

TERMINATOR/ BUS HOLD



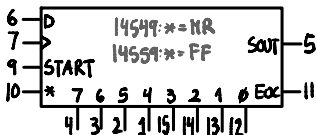
>10ns Q PULSE WIDTH
U/D 1600, 700, 500ns

MC14500



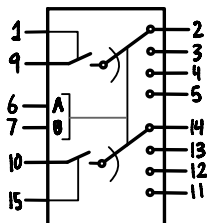
DC-1MHz @ 5V

MC14549 MC14559

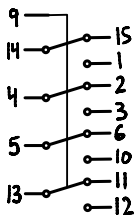


> 0.8, 1.5, 2.0MHz

MC14529

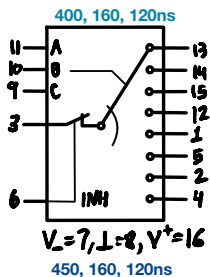


MC14551

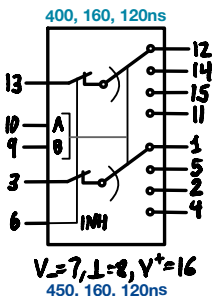


Special
Analog

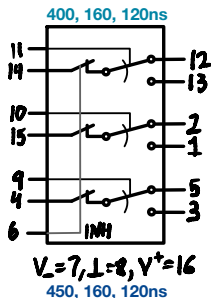
CD4051



CD4052



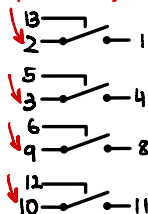
CD4053



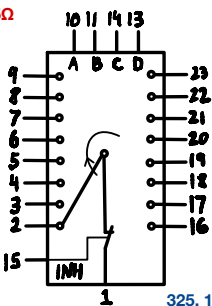
CD4016 - 100pA

CD4066 - 470, 180, 125Ω

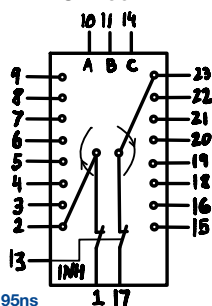
4066: Use as inputs when
output is heavily loaded.



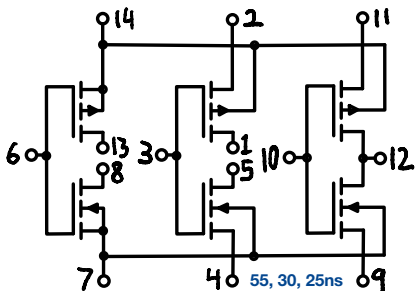
CD4067

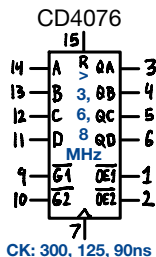
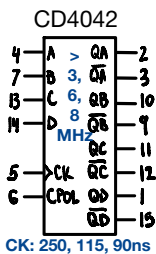
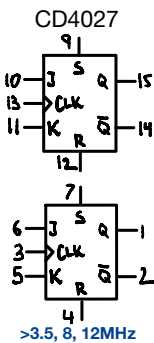
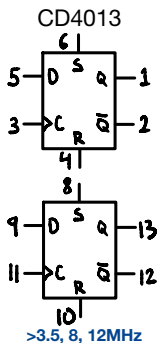


CD4097

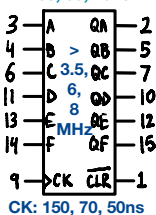


CD4007U

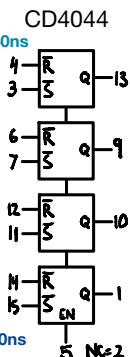
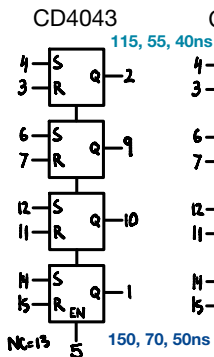
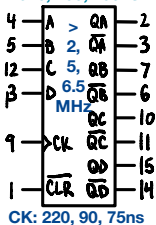




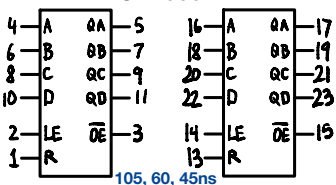
CD40174
100, 50, 40ns



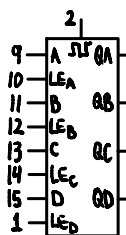
CD40175
325, 130, 100ns



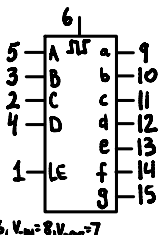
CD4508



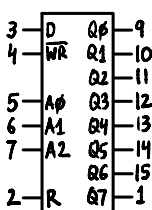
CD4054



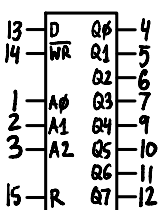
CD4056



CD4099

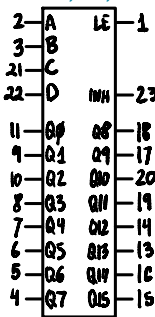


CD4724



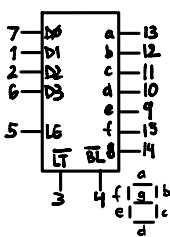
225, 100, 75ns

CD4514
CD4515
INH 250, 110, 85ns



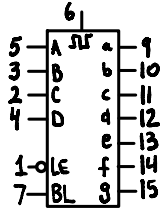
485, 185, 135ns

CD4511

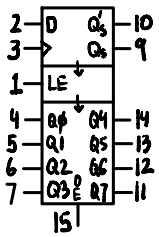


4514: TRUE 0
4515: COMPL Q

CD4543



CD4094



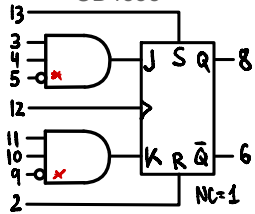
1.25, 2.5, 3MHz
CK: 420, 195, 135ns
LE: 290, 145, 100ns

CD40105



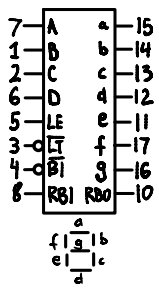
> 1.5, 3, 4MHz

CD4095
CD4096

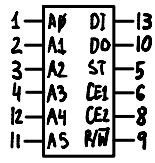


* 4095: TRUE
4096: INVERTING

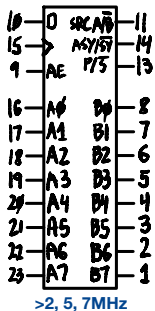
MC15413



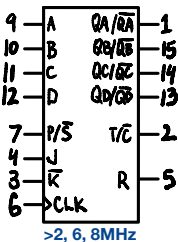
HEF4505



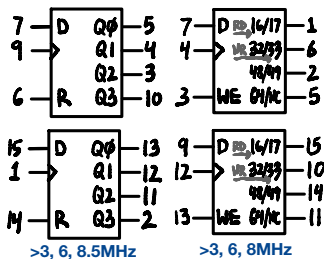
CD4034



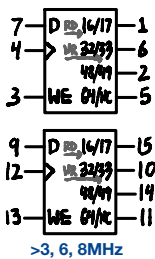
CD4035



CD4015



CD4517



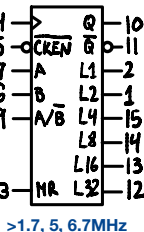
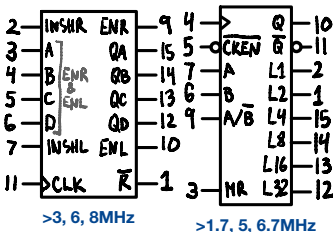
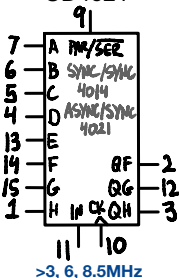
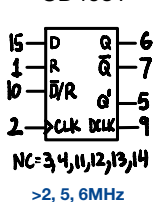
CD4014

CD4021

CD40194

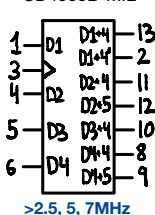
MC14557

CD4031



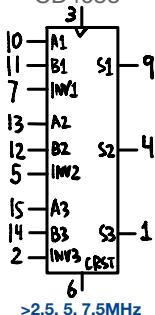
CD4006

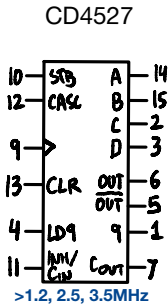
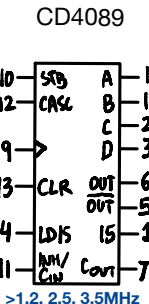
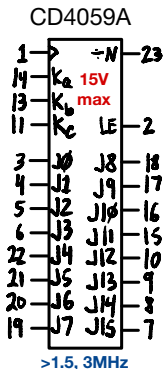
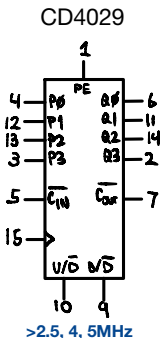
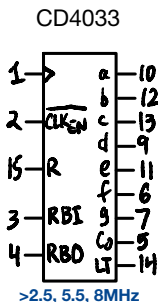
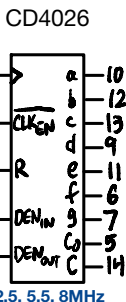
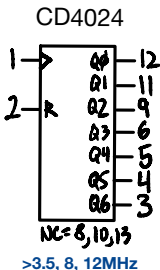
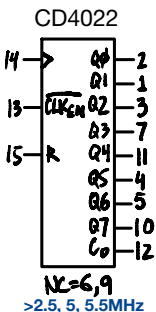
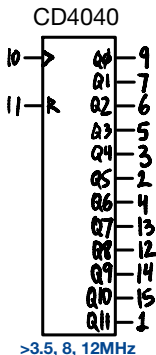
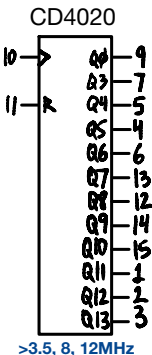
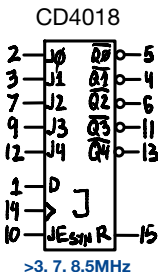
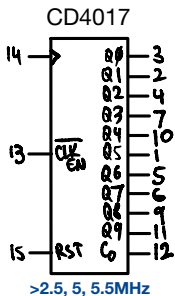
CD4006B-MIL



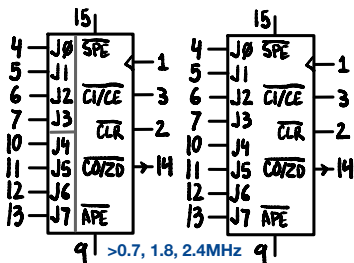
CD4032

CD4038

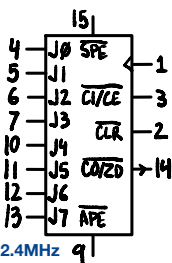




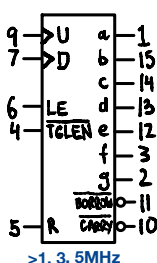
CD40102



CD40103

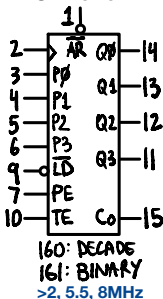


CD40110



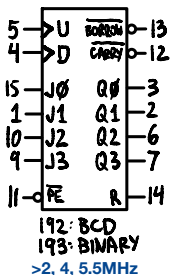
CD40160

CD40161



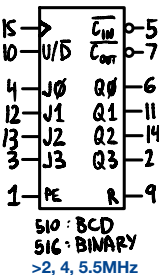
CD40192

CD40193



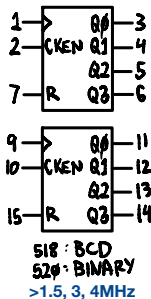
CD4510

CD4516



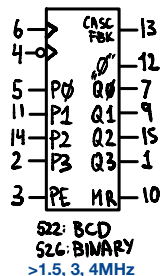
CD4518

CD4520

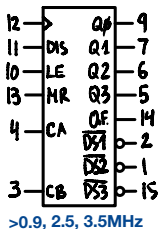


CD4522

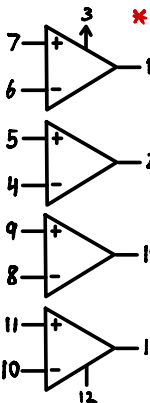
HEF4526



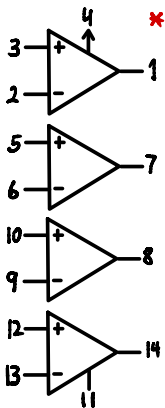
MC14553



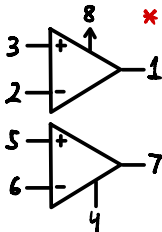
LM139,239,339,2901
comparators



LM124,224,324,2902
op-amps



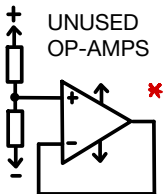
LM158,258,358,
LM2904, TLC272
op-amps
LM193,293,393,
LM2903
comparators



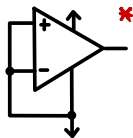
PN2222
ZTX455



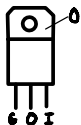
PN2907
ZTX555



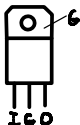
UNUSED
COMPARATORS



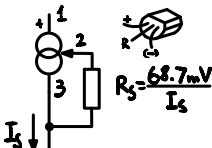
LD1117
LDnnV



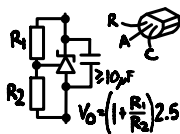
78nn



LM334



TL431A



4001BE	• 4x 2NOR
4002BE	• 2x 4NOR
4007UBE	• 2x MOS PAIR, INV
14008BCBE	• FULL ADDER
4009UBE	• 6x INV
4010BE	• 6x BUF
4011BE	• 4x 2NAND
4012BE	• 2x 4NAND
4013BE	• 2x DFF
4014BE	• 8STG SHR
4015BE	• 2x 4STG SHR
4016BE	• 4x ASW 100pA
4017BE	• DEC CTR + LO OUT
4018BE	• ÷N CTR
4019BE	• 4x AND/OR SEL
4020BE	• 14STG RPL CTR
4021BE	• 8BIT SHR
4022BE	• OCTAL CTR
4023BE	• 3x 3NAND
4024BE	• 7STG RPL CTR
4025BE	• 3x 3NOR

4026BE	• CTR+7SEG
4027BE	• 2x JK MS FF
4028BE	• BCD-10/8 DEC
4029BE	• U/D PR CTR
4030BE	• 4x 2XOR
4031BE	• 4STG 64B SHR
4033BE	• CTR+7SEG
4034BM AE	• 8BIT BUS SHR+REG
4035BE	• 4STG PAR/SER REG
4040BE	• 12STG RPL CTR
4041UBE	• 4x BUF w/CPL
4042BE	• 4x D LATCH
4043BE	• 4x NOR SR LATCH
4044BE	• 4x NAND SR LATCH
4045BE	• 21 STG CTR
4046BE	• 2x PHS DET, VCO=PLL
4047BE	• ASTABLE MVR
4048BE	• EXP CFG SUPERGATE
4049UBE	• 6x INV XLTR
4050BE	• 6x BUF XLTR

4051 BE	• 8CH AMUX
4052 BE	• 2x4CH AMUX
4053 BE	• 3x2CH AMUX
4054 BE	• 4BIT LATCH+LCD DRV
4055 BE	• BCD→7SEG LCD DRV
4056 BE	• BCD→7SEG LICH LCD DRV
4059 AM	• PROB ÷ N
4060 BE	• 14STG RPL CTR+OVL
4063 BE	• 4BIT MAGN CMP
4066 BE	• 4xANALOG SW
4067 BM	• 16CH AMUX
4068 BE	• 8AND/NAND
4069 UBE	• 6xINV
4070 BE	• 4x2XOR
4071 BE	• 4x2OR
4072 BE	• 2x4OR
4073 BE	• 3x3AND
4075 BE	• 3x3OR
4076 BE	• 4xDFF TRIS+2xIN DIS
4077 BE	• 4x2XNOR

4078BE	• 8OR/NOR
4081BE	• 4x2AND
4082BE	• 2x4AND
4085BE	• 2x2AND+NOR w/INH
4086BE	• 4x2AND+NOR w/EXP+INH
4089BE	• RATE MULT
4093BE	• 4x2NAND $\overline{\text{I}}$
4094BE	• 8STG SHR+STORE
4097BN	• DIFF 8CH ANUX
4098BE	• 2x 1SHOT
4099BE	• 8BIT ADDR LATCH
40102BE	• 8STG 2DEC BCD CTR
40103BE	• 8STG 8BIT SYNC DCTR
40105BE	• 4x16W FIFO
40106BE	• 6x1NV $\overline{\text{I}}$
40107BE	• 2x2NAND Ω
40109BE	• 4xBUF XLTR
40110BE	• U/D CTR+LED DRVR
40117BE	• PROG 2x4BIT TERM
40147BE	• 10 \rightarrow 4 PRIORITY DEC

40160BFBE	• 4BIT PRG SYNC IO CTR
40161BE	• 4BIT PRG SYNC CTR
40174BE	• 4x D FF
40175BE	• 4x D FF'
40192BE	• BCD U/D PRS CTR
40193BE	• BIN U/D PRS CTR
40194BE	• 4BIT BIDIR SHR
40257BE	• 4x 2:1 SEL
4502BE	• 6x INV TRIS
4503BE	• 6x BUF TRIS
4504BE	• 6x BUF XLTR
4508BNS	• 2x 4BIT LATCH
4510BE	• PRS U/D CTR
4511BE	• BCD-7SEG DEC+...
4512BE	• 8MUX TRIS
4514BM	• 4BIT LATCH+DEC Q
4515BM	• 4BIT LATCH+DEC \bar{Q}
4516BE	• PRS U/D CTR
4517BE	• 64BIT SHR
4518BE	• BCD UP CTR

4520BE	• 2x 4BIT UP CTR
4521BE	• 2x SIG FREQ DIV
4522BE	• PROG BCD ÷ N
4527BE	• BCD RATE MULT
4532BE	• 8BIT PRIORITY
4536BE	• PROG TMR
14538BE	• 2x RETRG MOND
4541BE	• PROG TIMER
• 4543BE	• BCD → 7 SEG LCD
4555BE	• 2x 1:4 DECODER Q
4556BE	• 2x 1:4 DECODER \bar{Q}
4572UBE	• 4x INV, NAND, NOR
4585BE	• 4 BIT MAGN CMP
4724BE	• 8 BIT ADDR LICH

4000	• 2x 3NOR, NOT	≈ 4025
4006	• 18 ST SHR	
4032 BE	• 3x SERIAL ADDER CY 5	
4038	• 3x SERIAL ADDER CY 2	
4095	• GATED JK FF	} ≈ 4027+ ≈ 4073+
4096	• GATED JK FF Q, Q̄	
14500	• 1-BIT PLC	
4505	• 64 BIT RAM	
14513	• 7 SEG DEC + ...	
4519 BCN	• 4x AND/OR SEL	= 4019
4526	• PROG 4BIT DN CTR	
4528	• 2x RETRIG MONO	
4529	• 2x 4 AMUX	≈ 4052
4530	• 2x 5 MAJORITY	
4531	• 12 BIT PARITY	
4539	• 2x 4 IN MUX	≈ 4052±
4549	• SAR	
4551	• 2CH AMUX	
4553	• 3-DIGIT BCD CTR	

≈ SAME FN, DIFF PINOUT = DIRECT SUBST

4557

4558

4559

14584

14560

14561

14566

- 1:64 STAGE SHR
- BCD \rightarrow 7SEG
- SAR
- 6x SCHMITT INV
- BCD ADDER
- 9s COMPLEMENTER
- INDUSTRIAL TB GEN