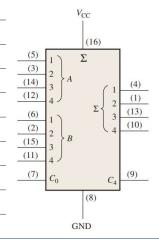
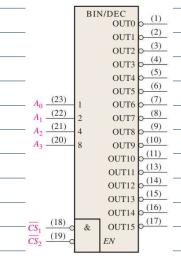
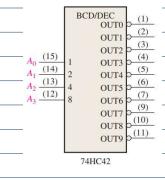
74HC283 (Full Adder-4bit)

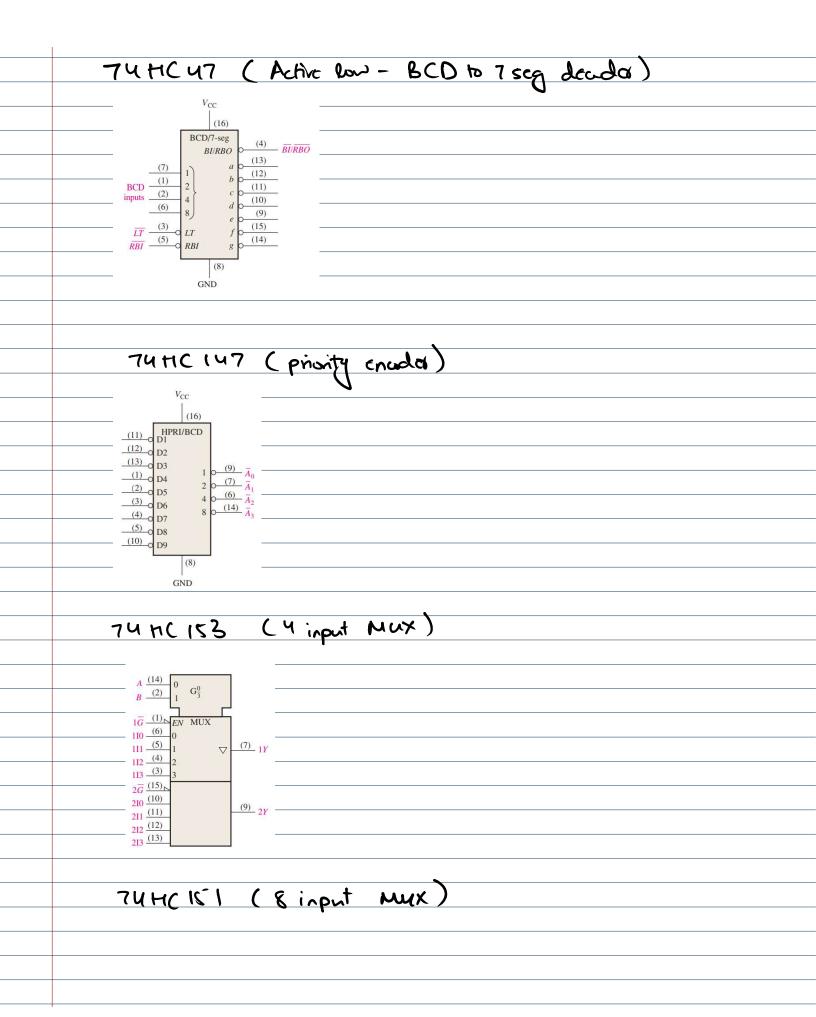


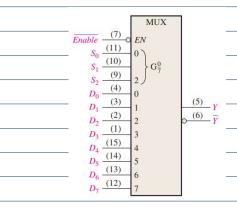
74 HC 154 (4-to-16 line decoder - active low)



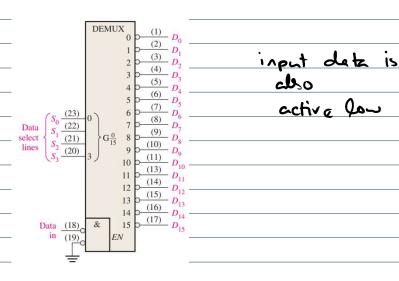
74 HC UZ (Active low_ BCD to DEC decoda)



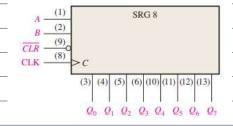




(4mar welisc)

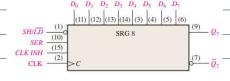


74 HC 164 (Soid in/Perellel - 8 bits)



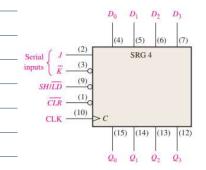
only input date 1 when A. R = 1

74HCIGS (Parallel in/Serial out - 8 bit)



SER is to load script data CLK INH inhibits data Sti/ID to shift and load

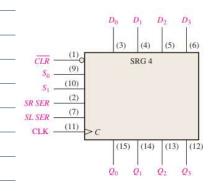
744C195 (Parallelin/Parallelout - 4bit)





es ist wirelich wichtig dem ich habe es auch einnel vergessen! Si

74 FIC 194 (Pin/Pout - bi-directional - 4bit)



SR is Scrict in RIGHT SL " " LEFT

Si So Mode

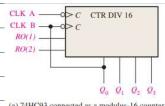
O O Inhibit

O I SR active

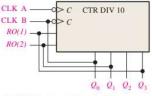
I O SL active

Loading

74 HC93 (Async counter - 4 bit)



(a) 74HC93 connected as a modulus-16 counter



(b) 74HC93 connected as a decade counter

RO(1) and RO(2)
act as CLL only when
RO(1). RO(2) = 1

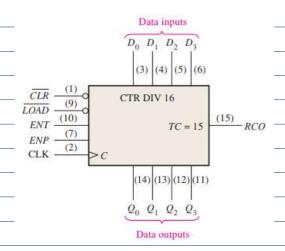
This is a 1+3 bit country.

On is the output of the 1 bit (divide-by-2) counter rest over for the 3 bit

CLKA is for the 1 bit CLKB is for the 3 bit

By woneding Qo to CLKB, we extend the works.

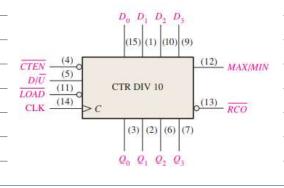
74HC163 (Sync-4bit)



Country enables only when ENT. ENP = 1
otherwise inhibits.

RCU gives high when Q. Q. O. O. Q. = 1 (when 15)

74HC190 (up/down - 10 modulus)



D/ T for down/up mode CTEN for enable Lactive low

MAX/MIN gives 1 when

0,0,0,0,+0,0,0,0,=1 (when 0 or 15)