Introduzione alle Macchine a Stati Finiti *040240*

Ripensare un contatore sincrono come una Macchina a Stati Finiti

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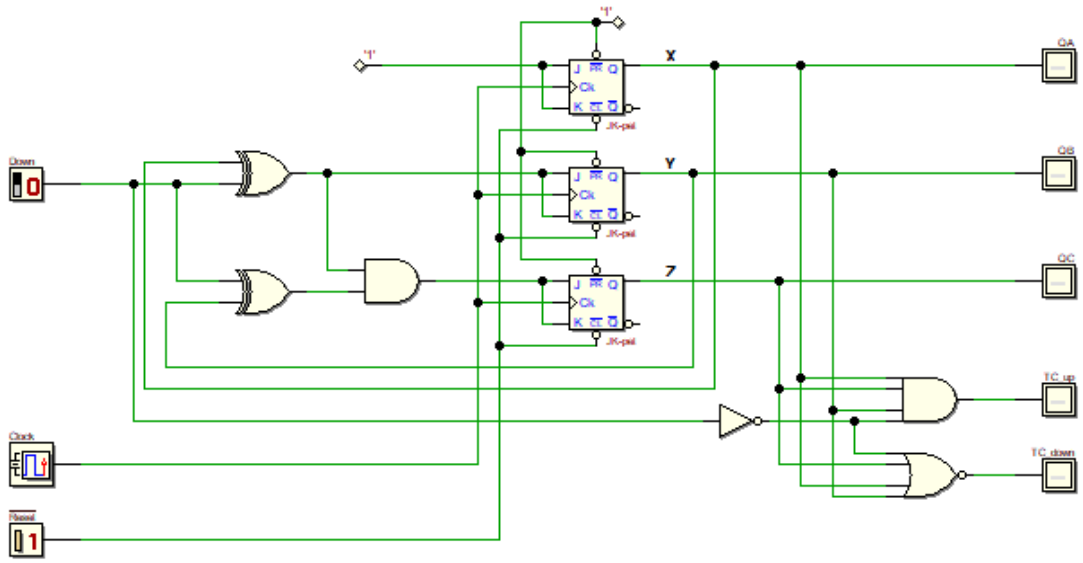
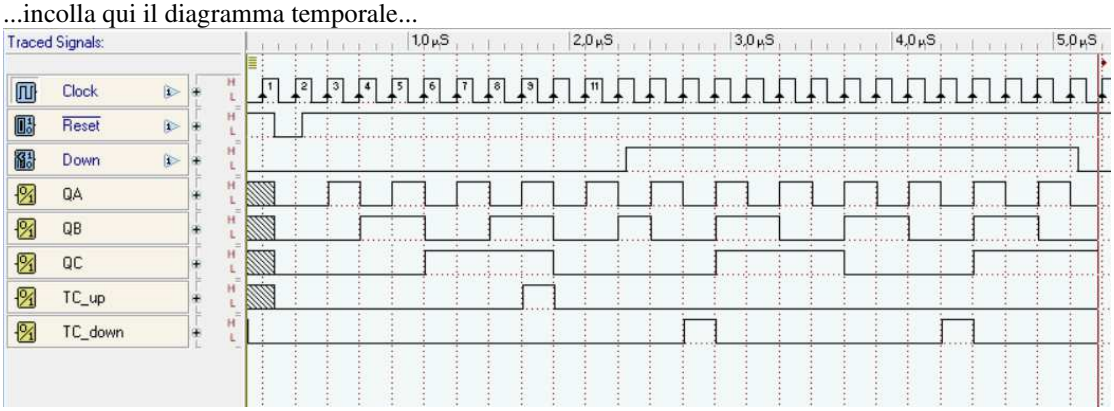
1) Schema del circuito:

...incolla qui lo schema del circuito riordinato come MSF...



2) Diagramma Temporale

...incolla qui il diagramma temporale...



3) Espressioni booleane:

Prossimo Stato

Jx = ___1_____ Kx = ____1_____

Jy = ___X EXOR Down Ky = _ X EXOR Down _

Jz = __ (X EXOR Down) * (Y EXOR Down) Kz = (X EXOR Down) * (Y EXOR Down)__

Uscite

QA = ____X_____ QB = ___Y_____ QC = _____Z__

TC_up = __X * Y * Z * !Down TC_down = __!Down NOR X NOR Y NOR Z_