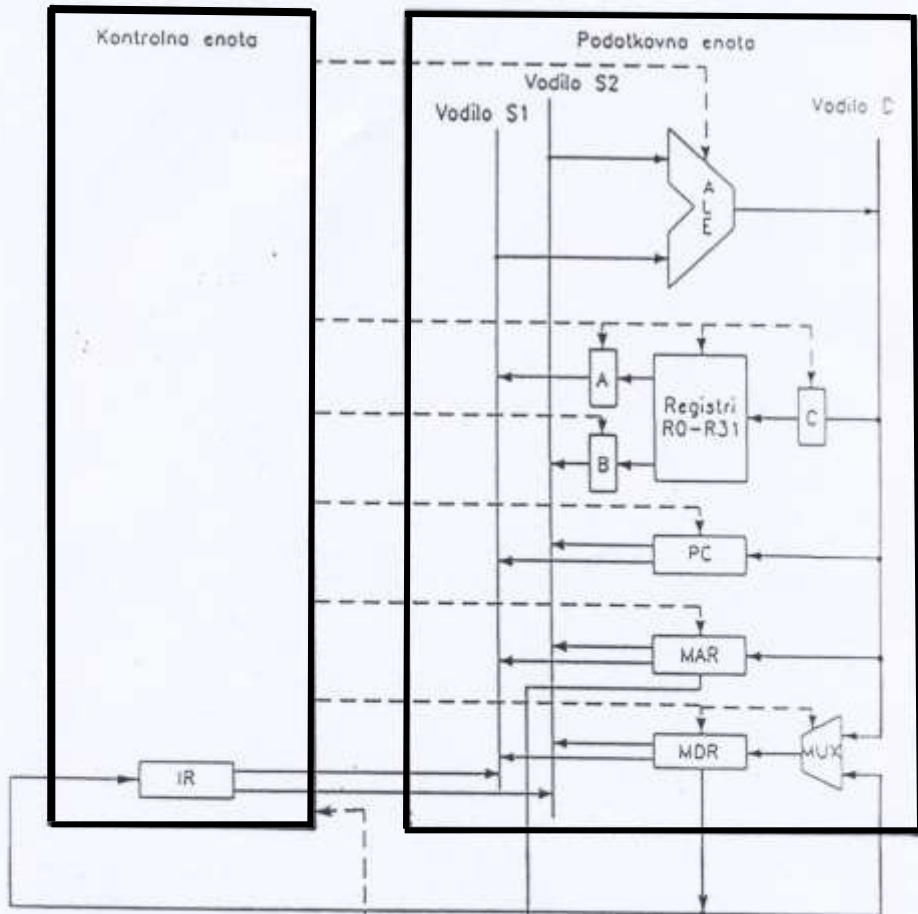
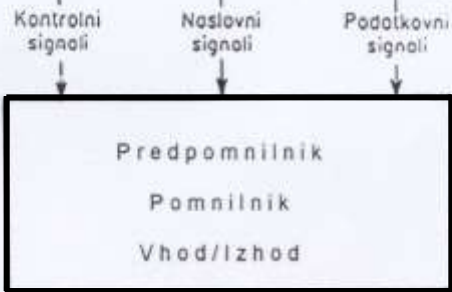


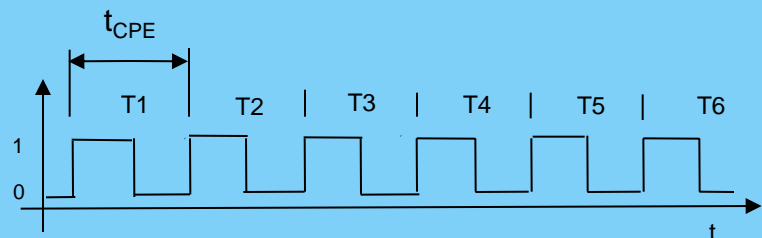
C P E



- PC Programski števec
- MAR Pomnilniški naslovni reg.
- MDR Pomnilniški podatkovni reg.
- MUX Multiplekser
- IR Ukazni register



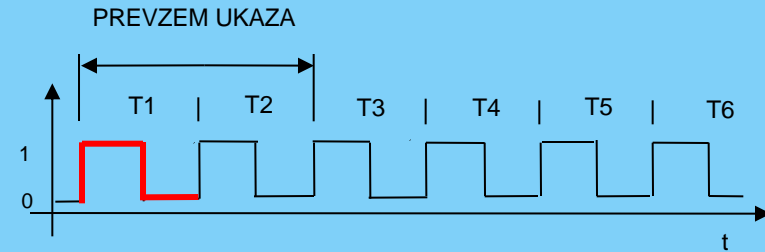
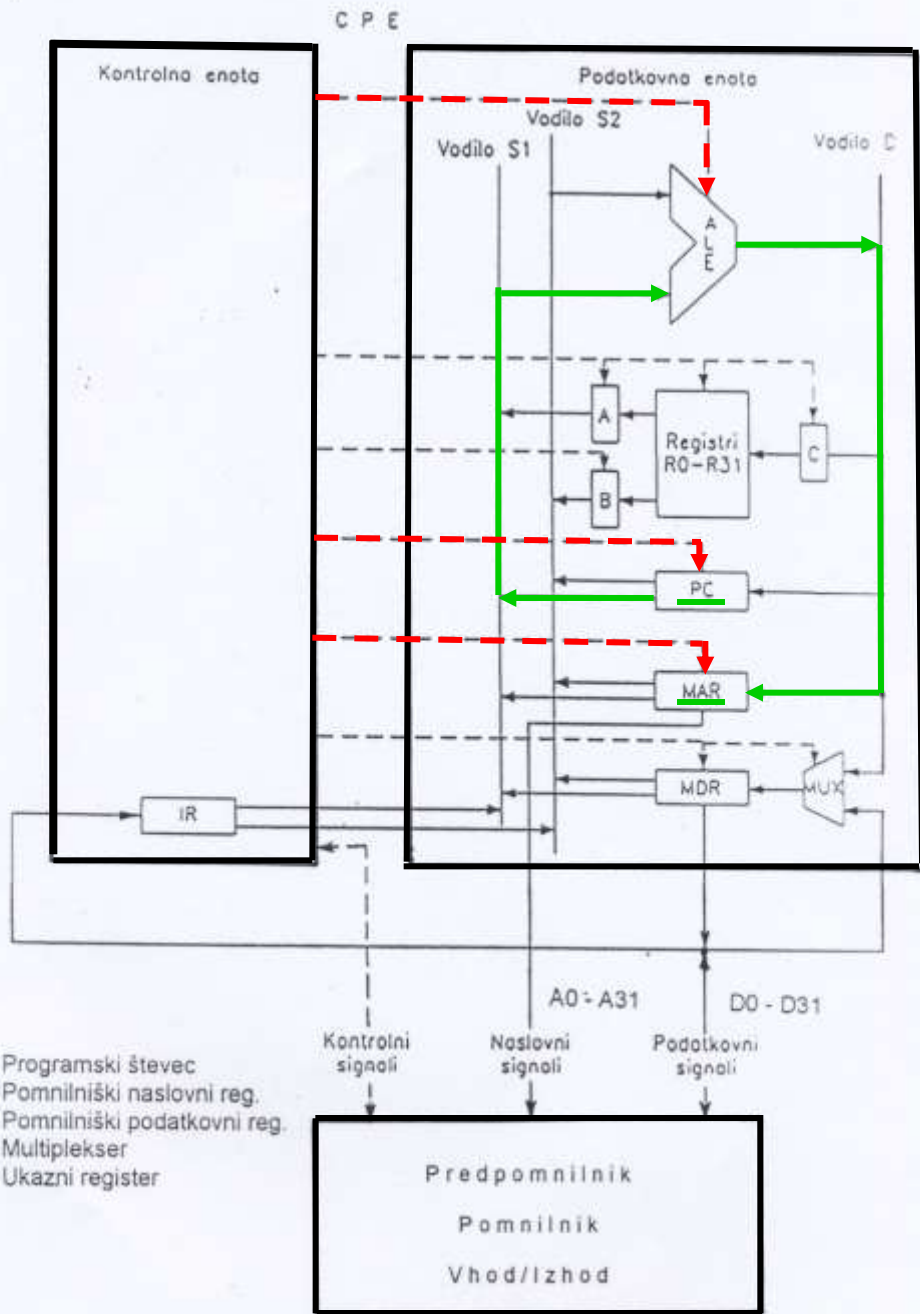
Urin signal



- Izvajanje ukaza iz skupine ALE ukazov

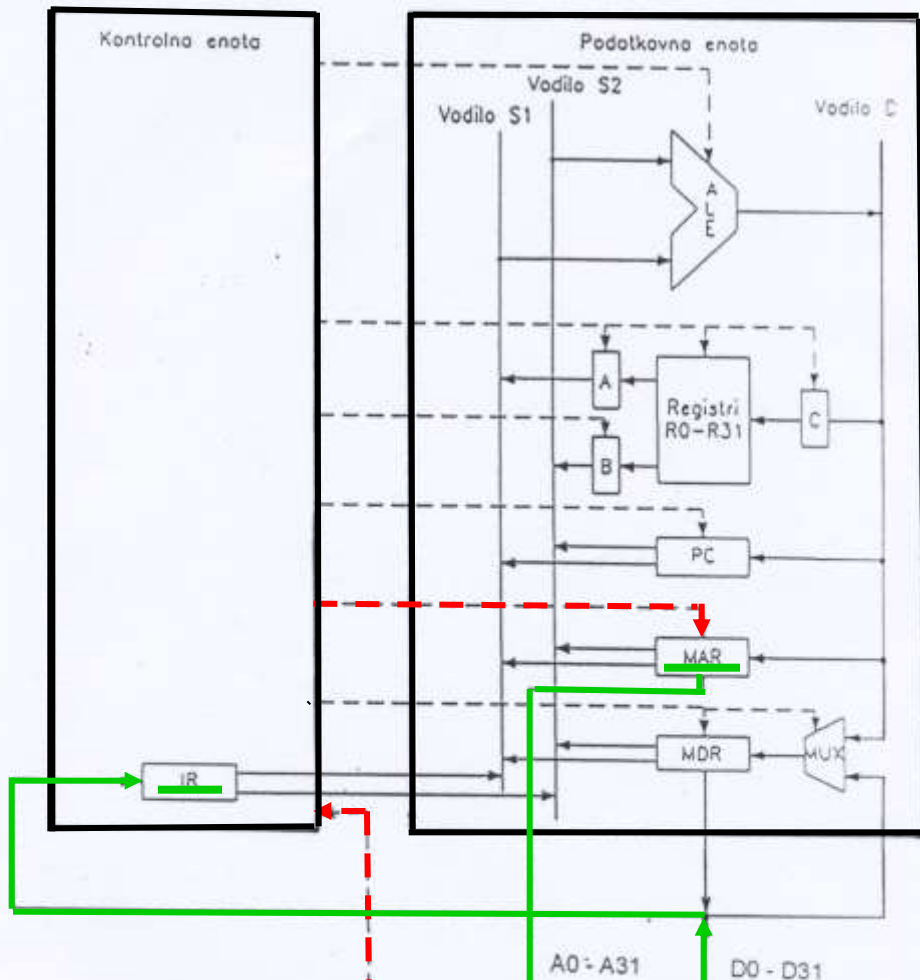
na primer:

ADD R1,R3,R10

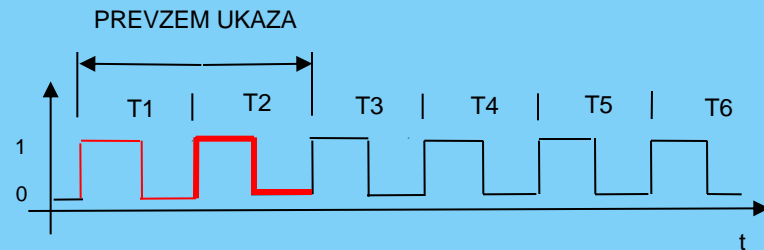
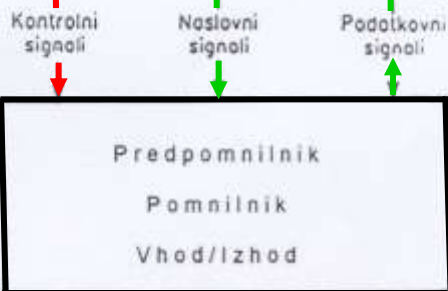


- 1. urina perioda:
- $MAR \leftarrow PC$
- Vsebina PC (naslov naslednjega ukaza) se prenese v MAR (pomnilniški naslovni register)

C P E

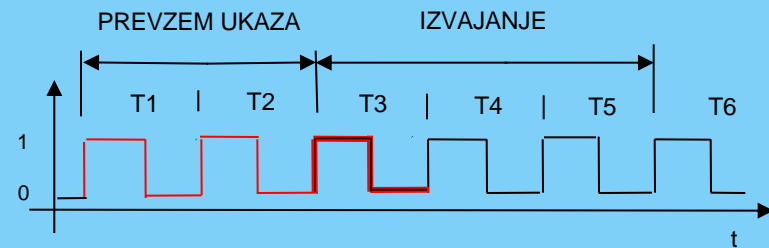
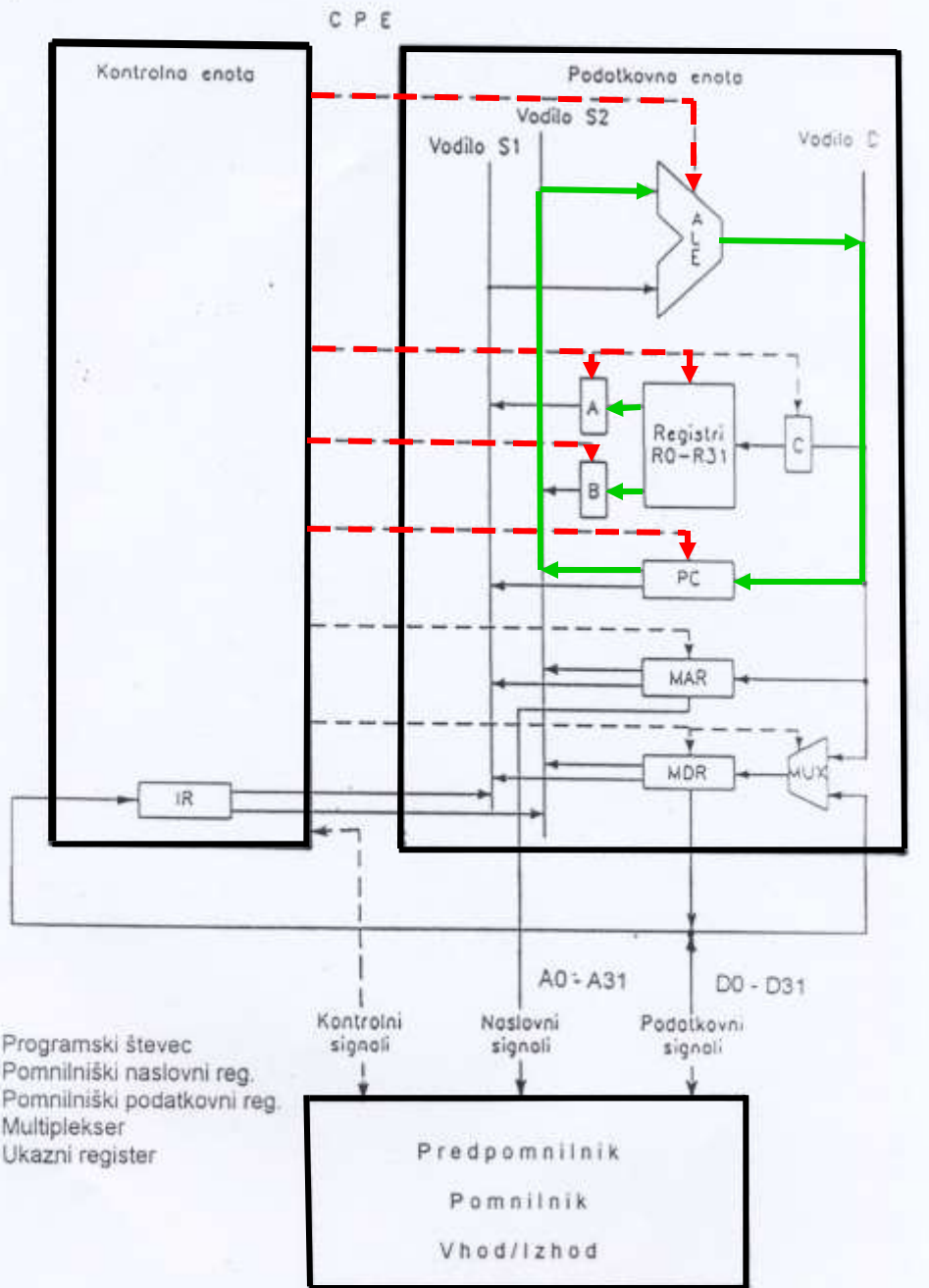


- PC Programski števec
- MAR Pomnilniški naslovni reg.
- MDR Pomnilniški podatkovni reg.
- MUX Multiplekser
- IR Ukazni register

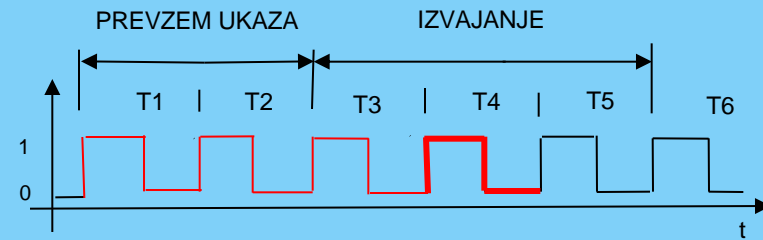
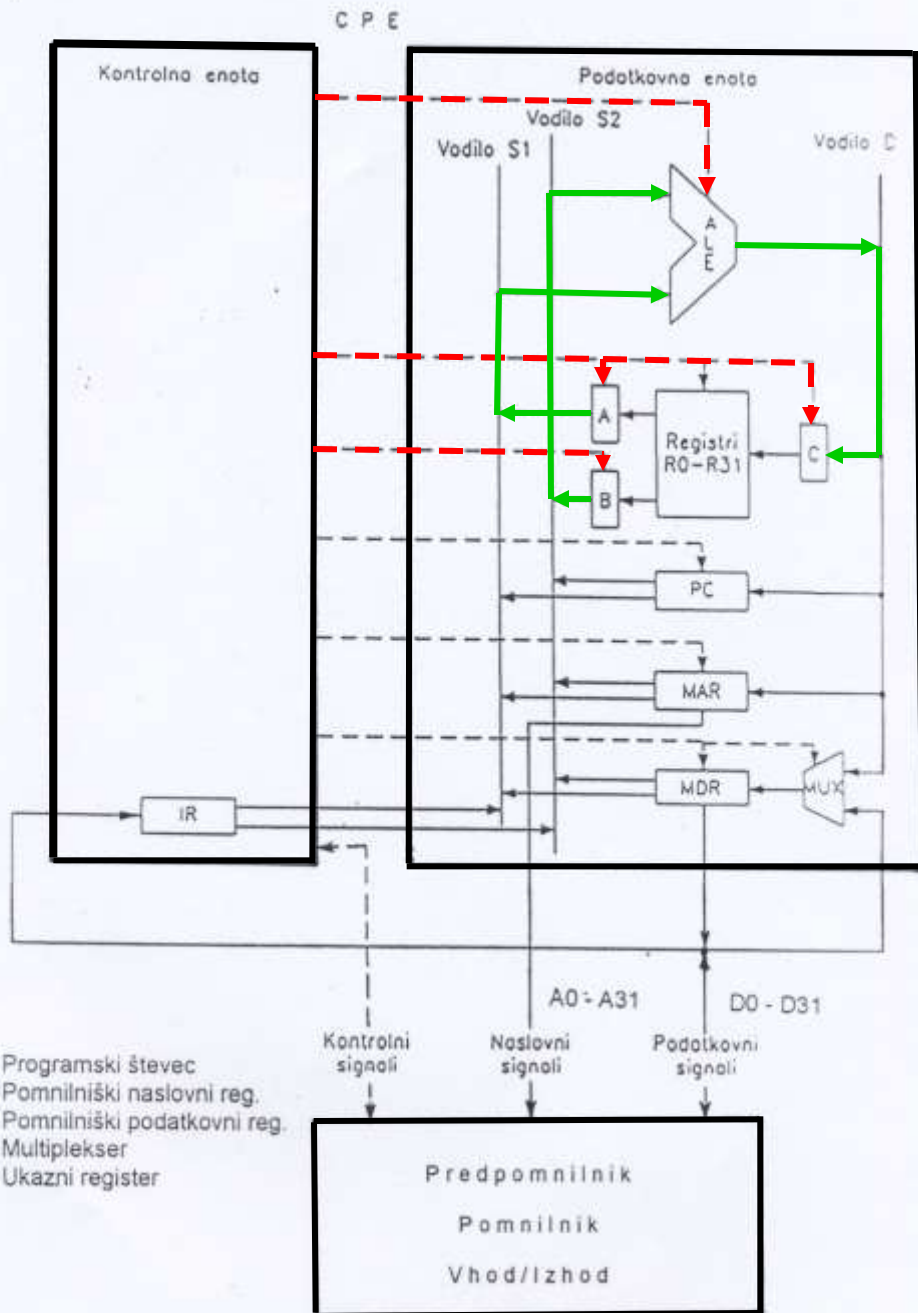


- 2. urina perioda:
- $IR \leftarrow m[MAR]$

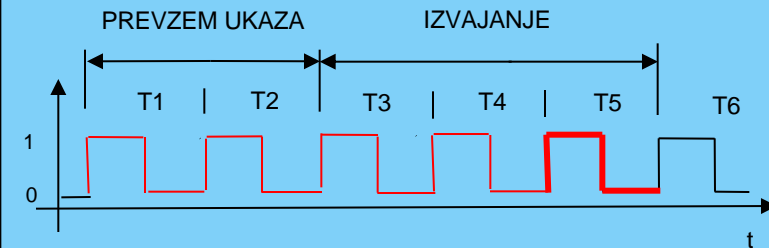
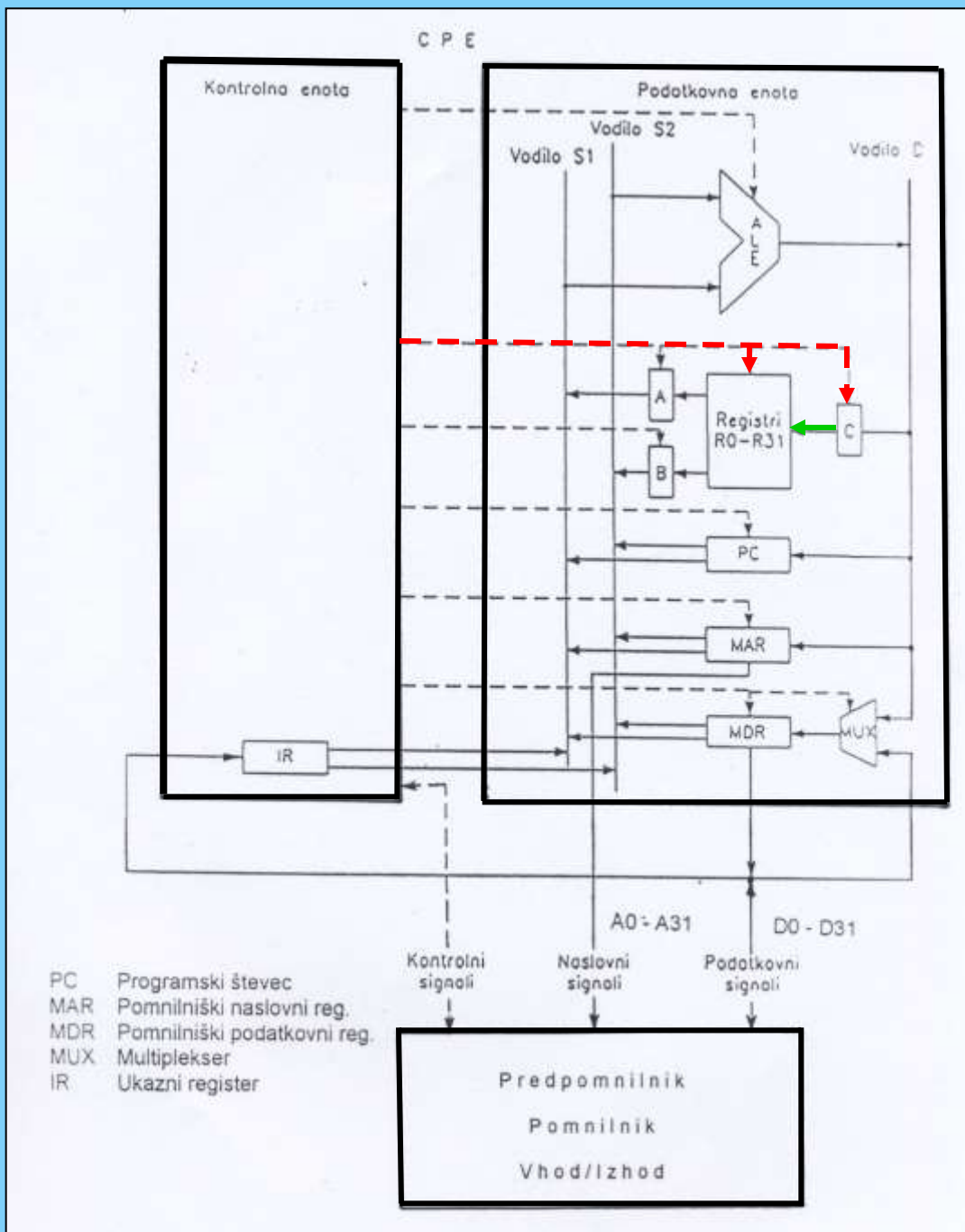
Iz pomnilnika se z naslova, ki je v MAR, prebere ukaz in prenese v IR (ukazni register) v kontrolni enoti.



- 3. urina perioda:
- $A \leftarrow Rs1 (R1)$
- $B \leftarrow Rs2 (R3)$
- $PC \leftarrow PC + 4$



- 4. urina perioda:
- $C \leftarrow A + B$



- 5. urina perioda:
- $R_d (R10) \leftarrow C$