

3. ADRESIRANJE

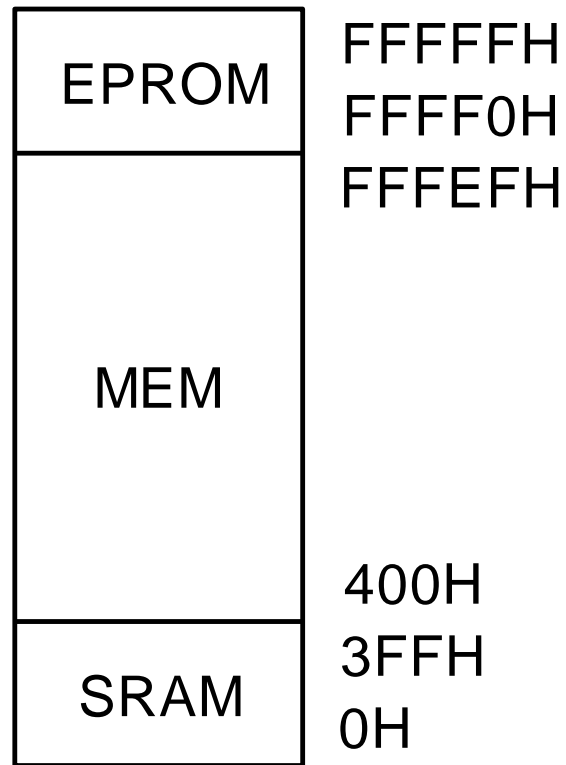


MEMORIJA ($M/\bar{I}\bar{O}=1$)

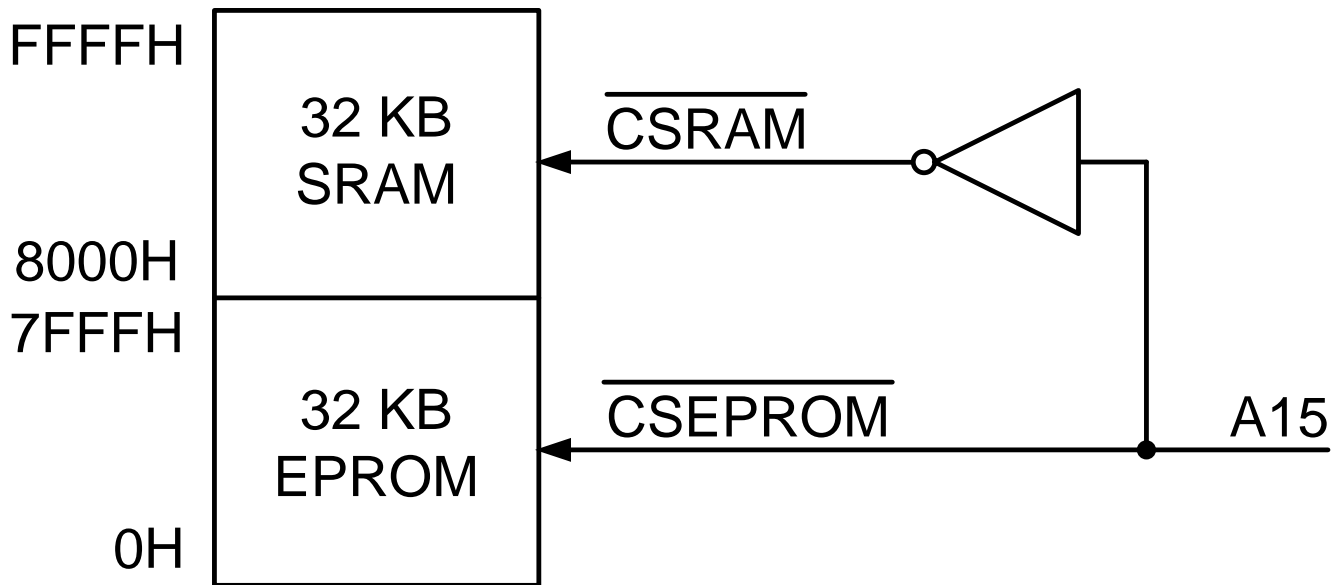


I/O ($M/\bar{I}\bar{O}=0$)

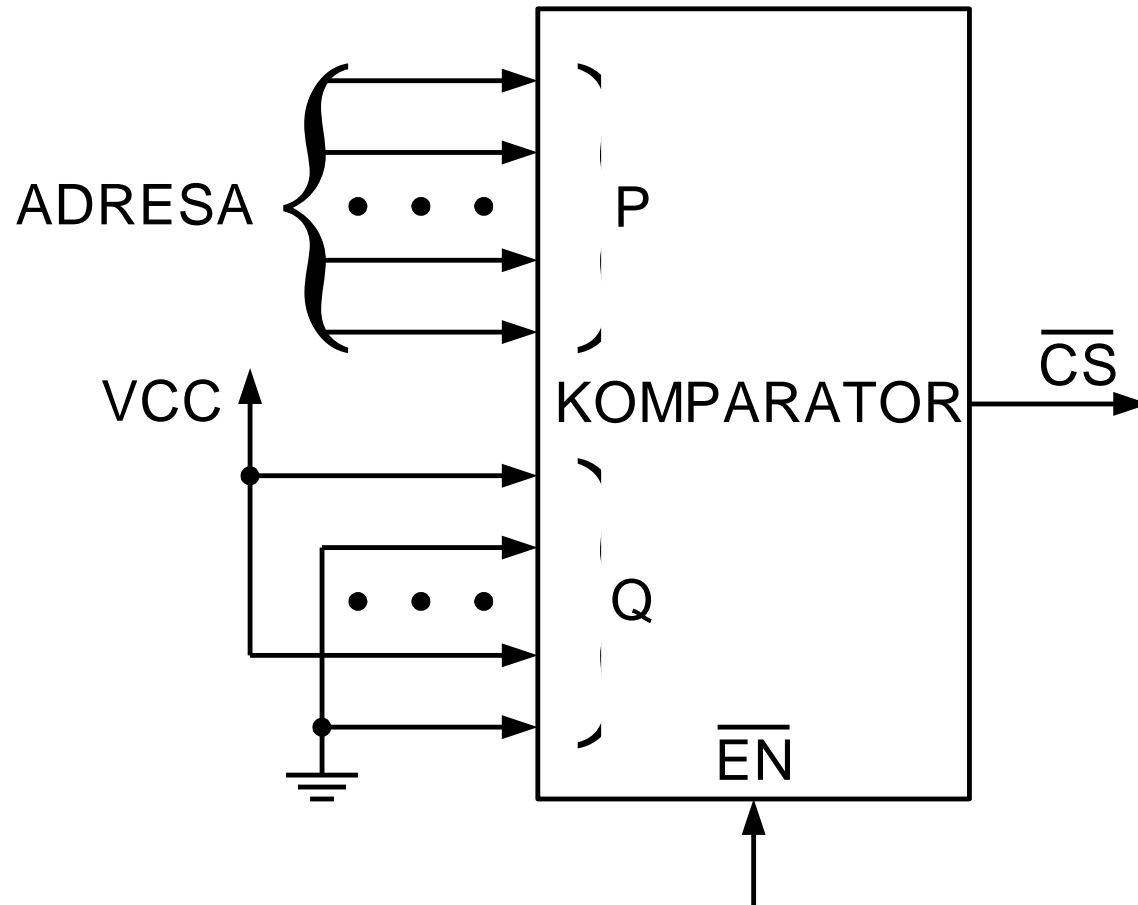
MAPIRANJE MEMORIJE 8086



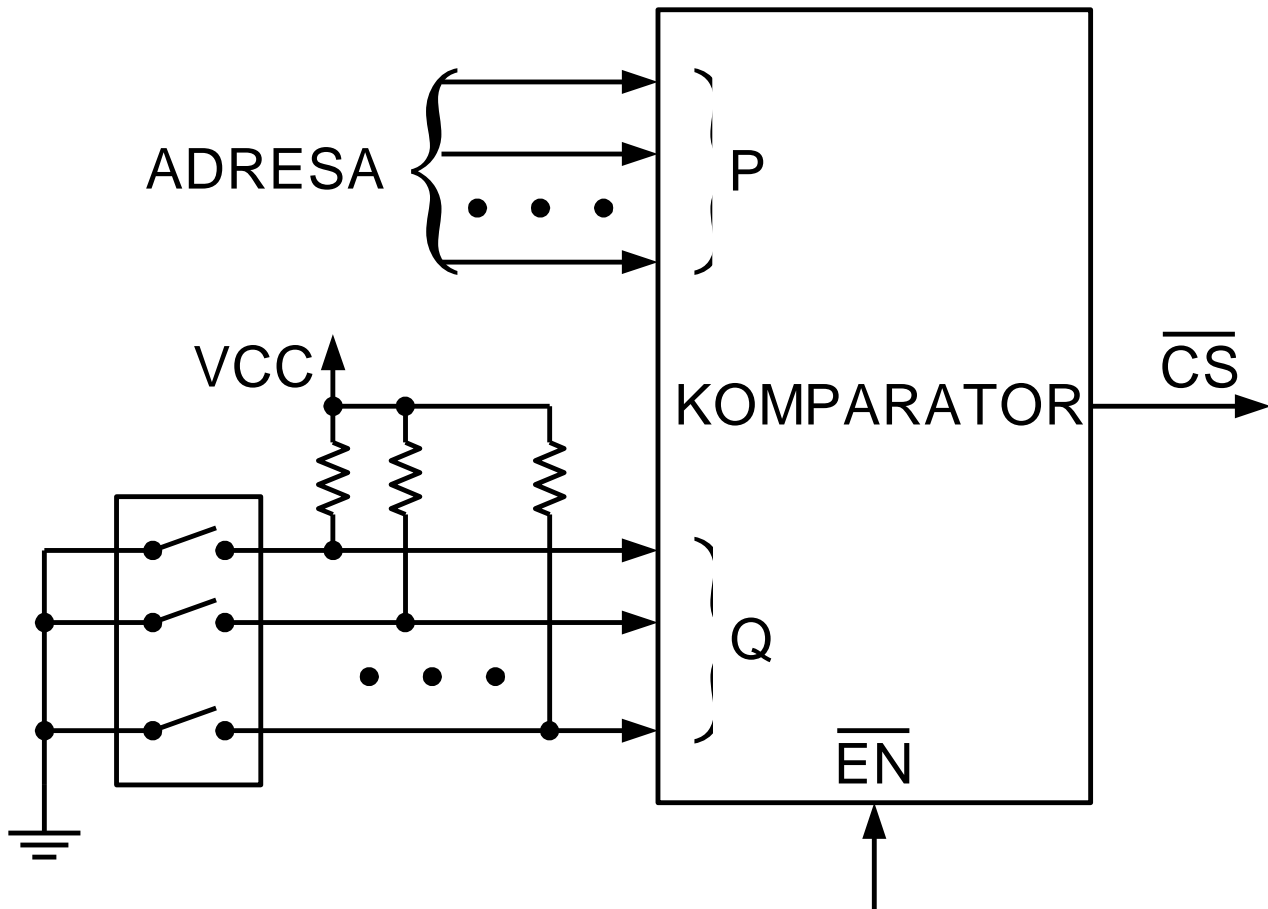
MAPIRANJE MEMORIJE MIKROKONTROLERA SA 64KB MEMORIJE



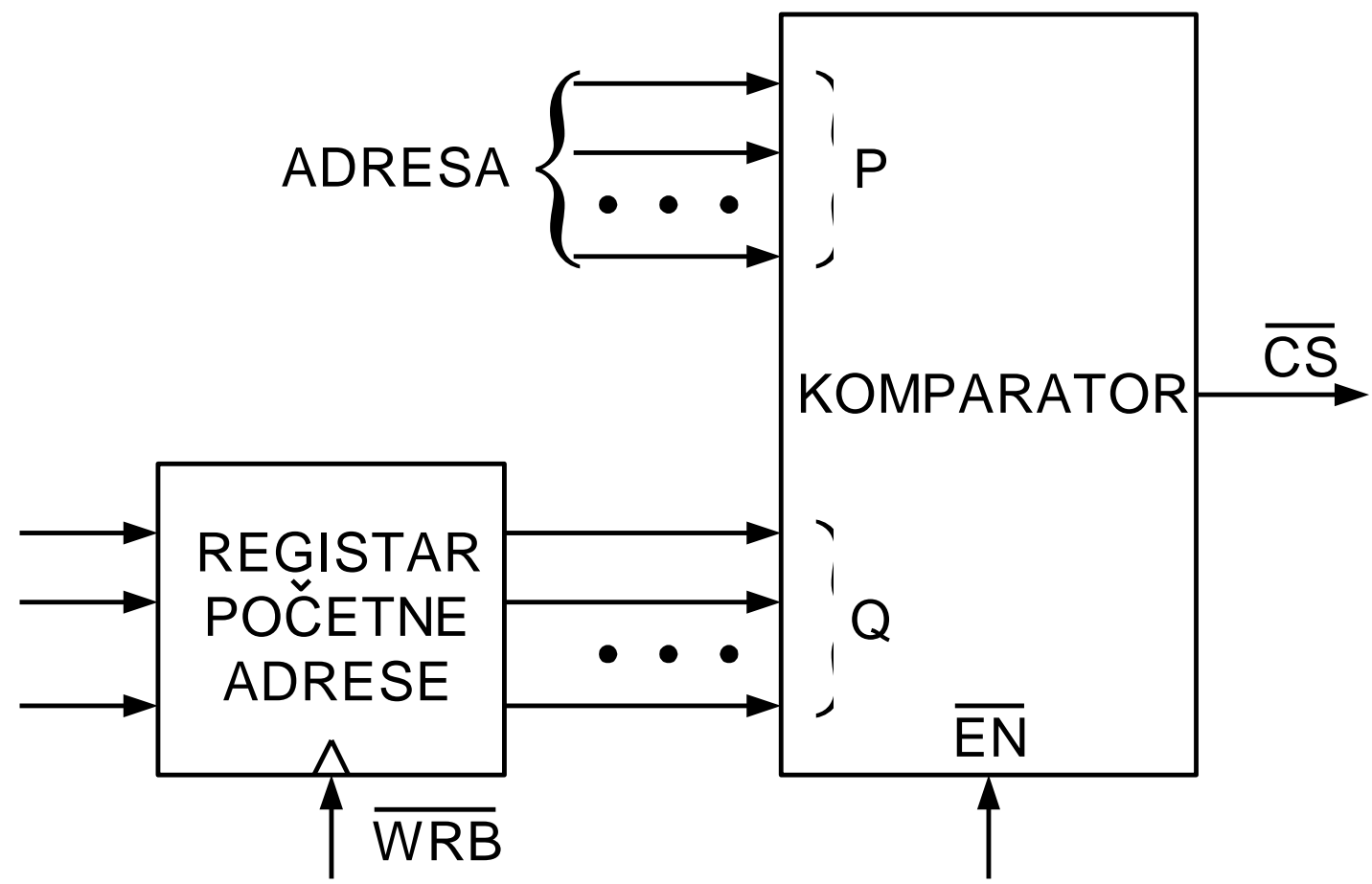
FIKSNO ZADAVANJE POČETNE ADRESE



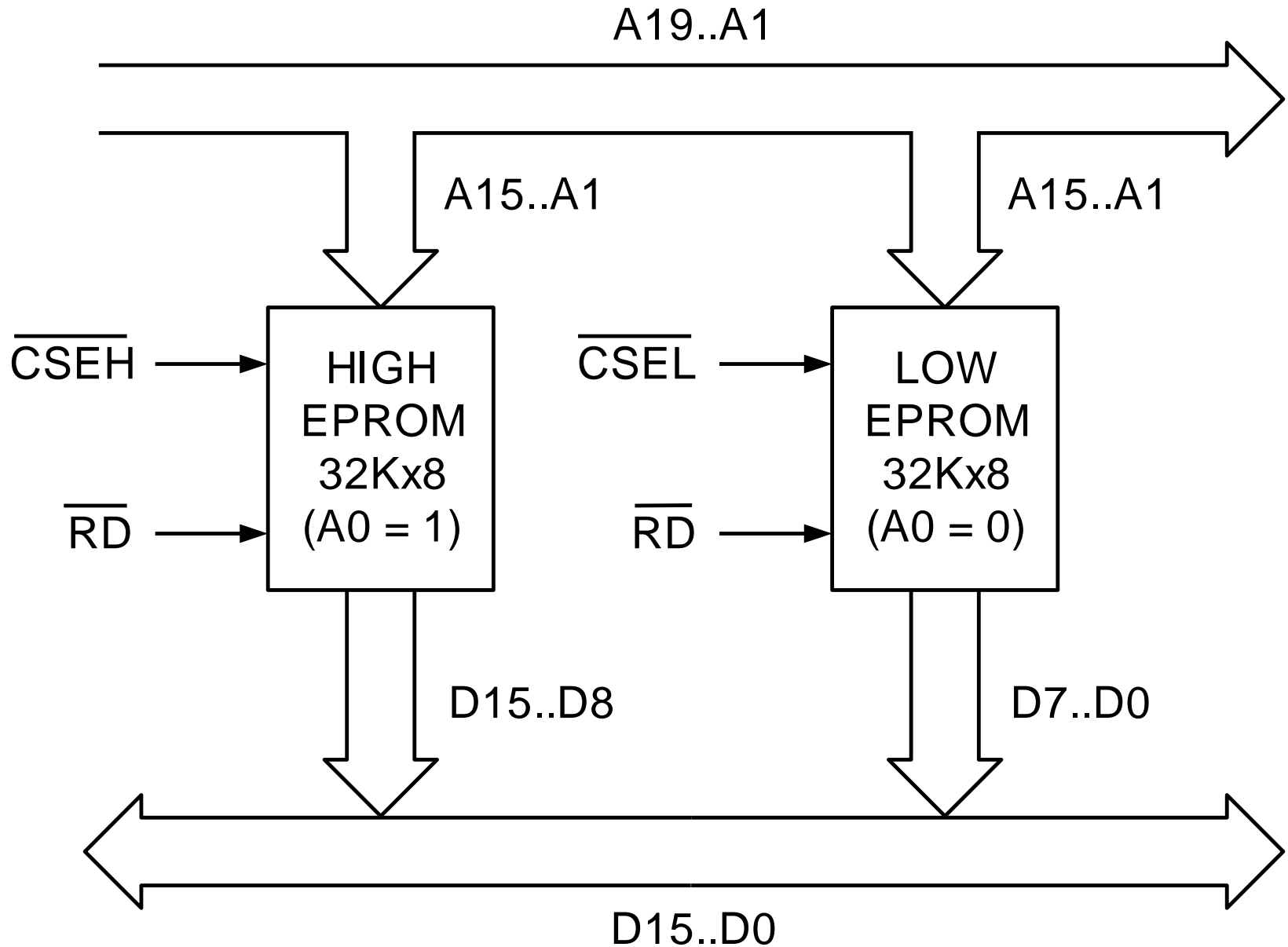
MANUALNO PROMENLJIVO ZADAVANJE POČETNE ADRESE



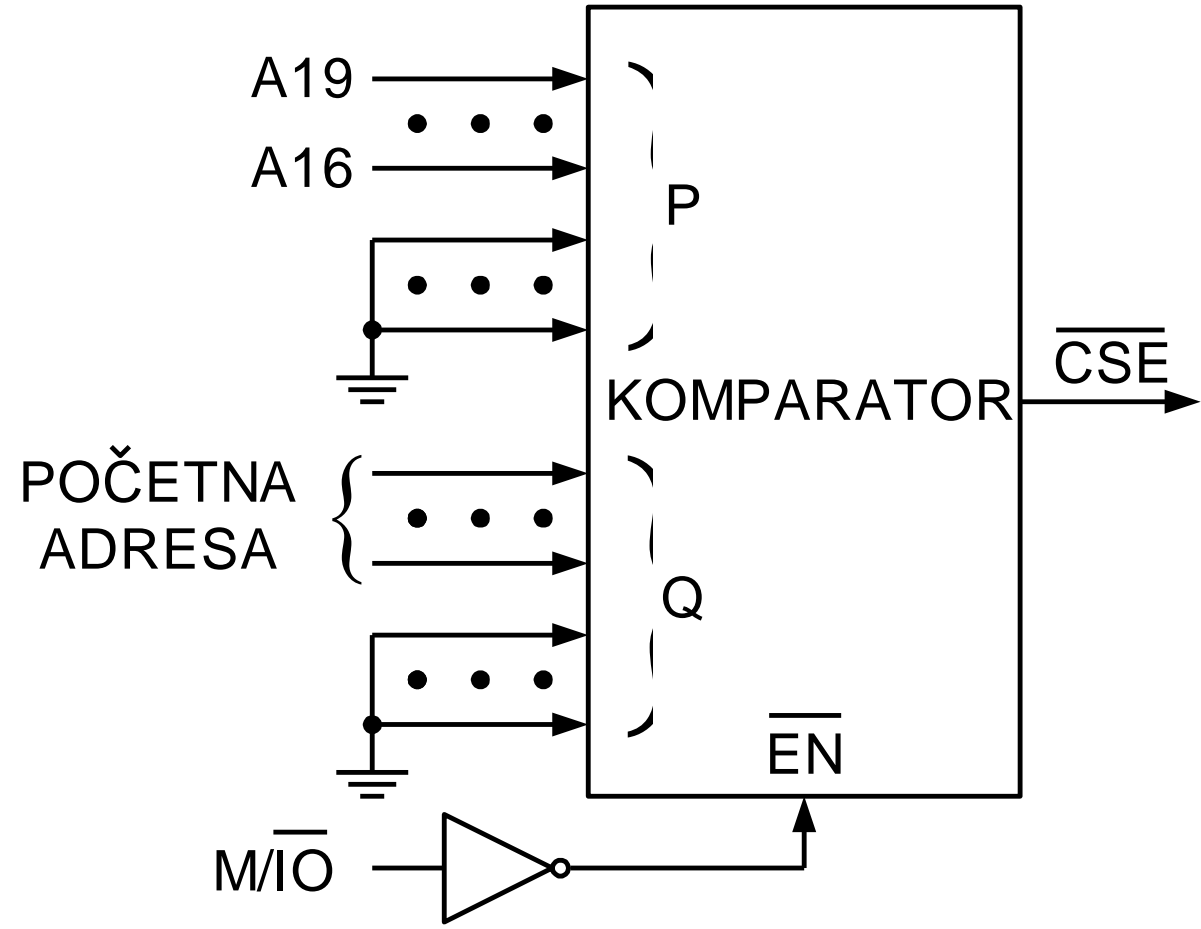
SOFTVERSKI PROMENLJIVO ZADAVANJE POČETNE ADRESE



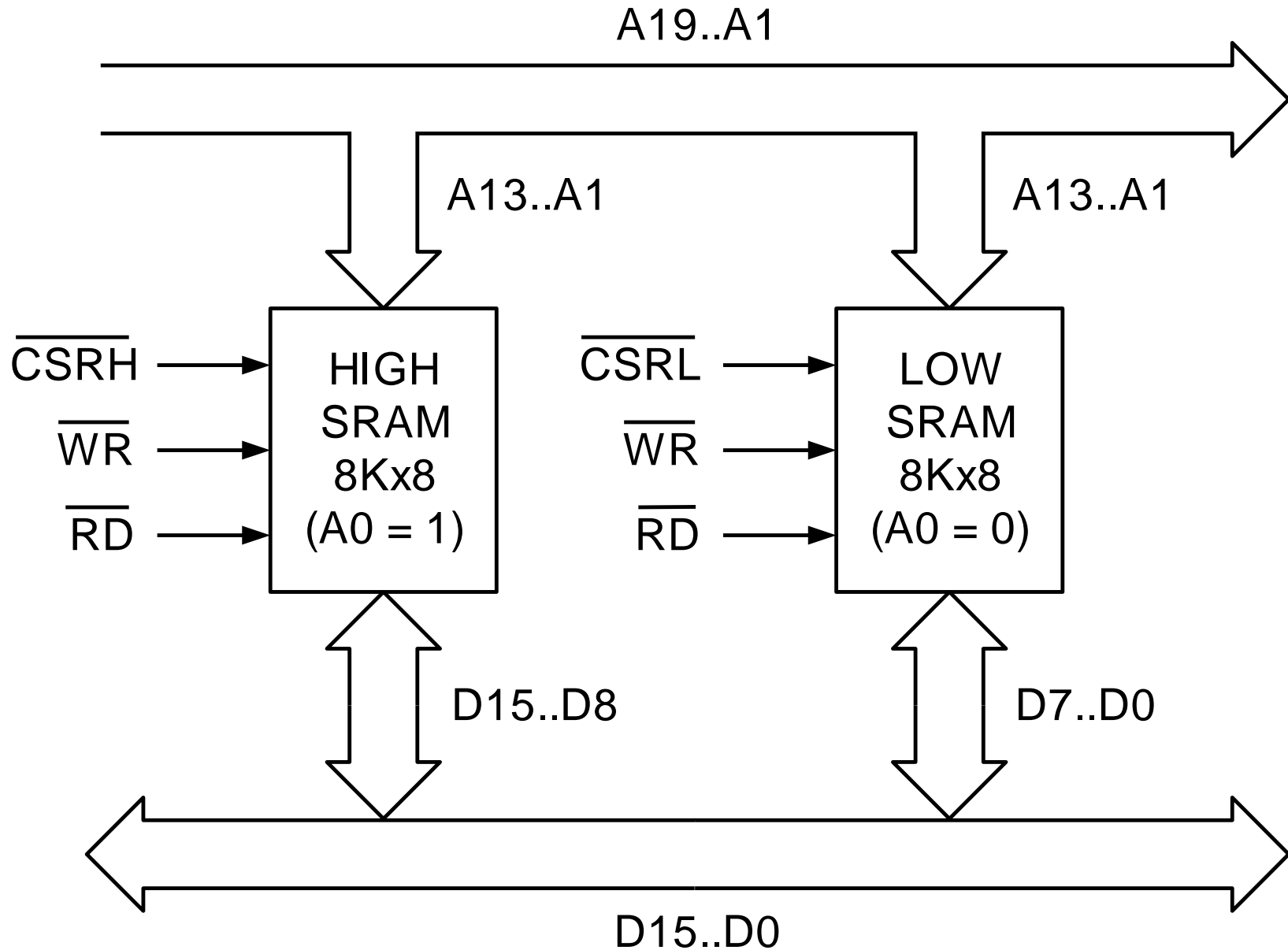
ADRESIRANJE 2 EPROMA 32Kx8



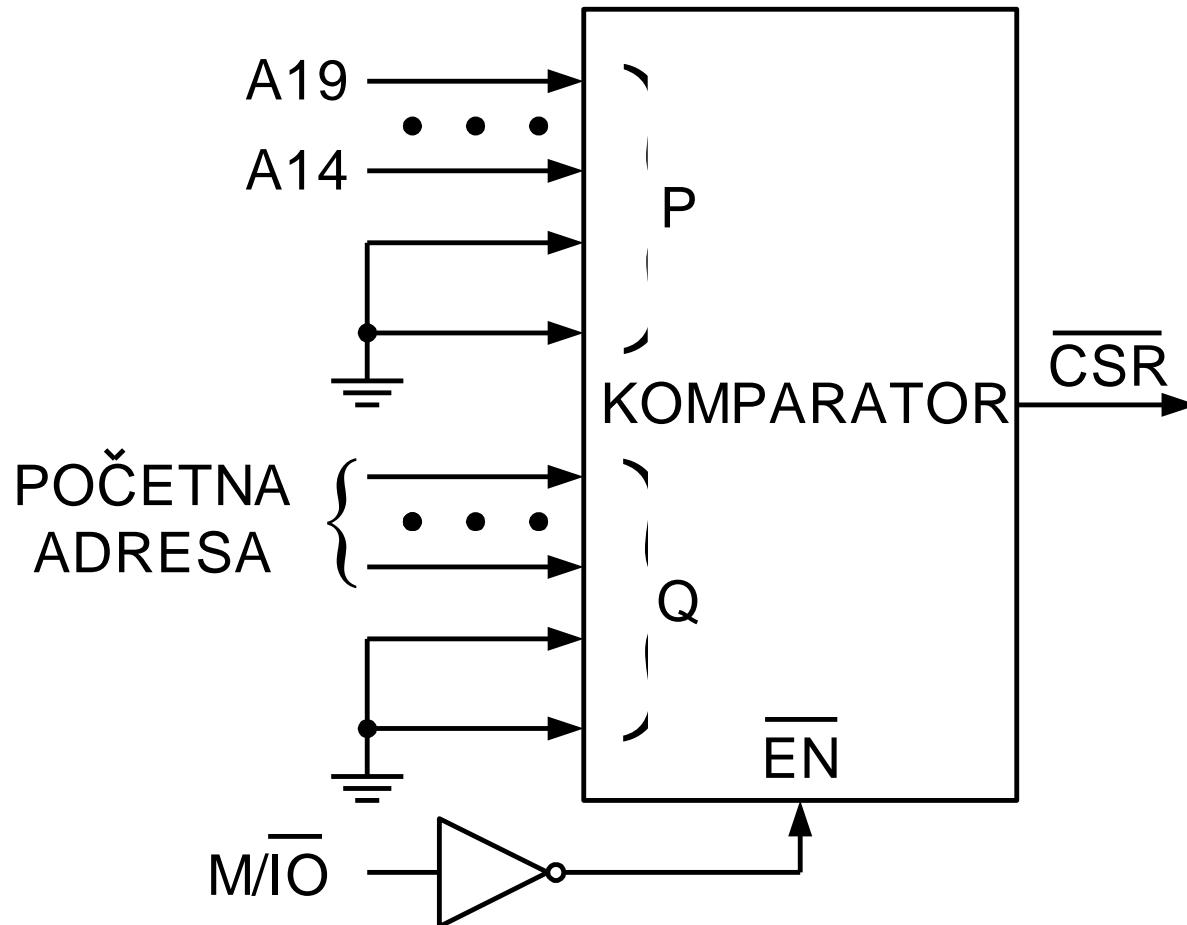
SELEKTOR 2 EPROMA 32Kx8



ADRESIRANJE RAMA 8Kx8

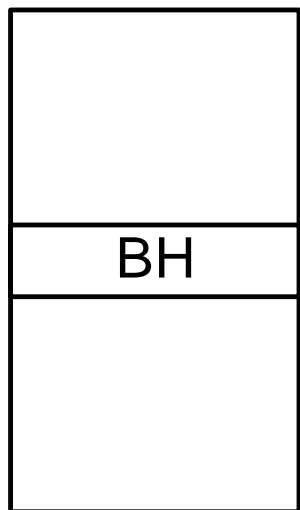


SELEKTOR 2 RAMA 8Kx8



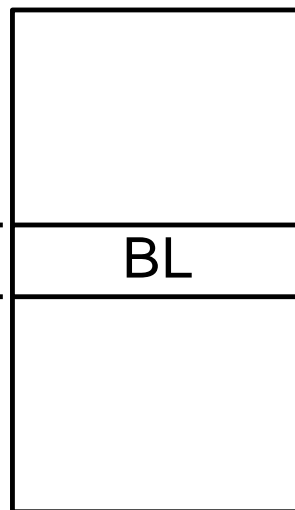
PRISTUP 16-BITNOJ REČI NA PARNNOJ ADRESI

HIGH EPROM



$A_0 = 1$

LOW EPROM



$A_0 = 0$

\overline{CSEH}

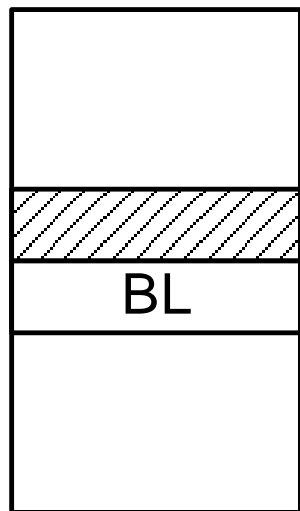


\overline{CSEL}



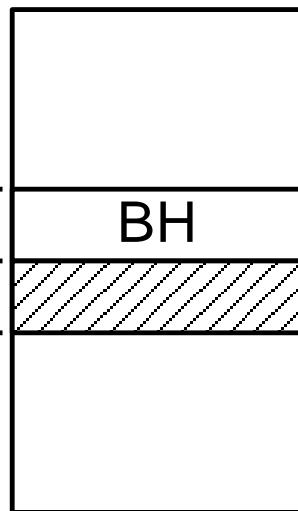
PRISTUP 16-BITNOJ REČI NA NEPARNOJ ADRESI

HIGH SRAM



A0 = 1

LOW SRAM



A0 = 0

$\overline{\text{CSRH}}$



$\overline{\text{CSRL}}$



PRISTUP REČIMA I BAJTOVIMA

$\overline{\text{BHE}}$	A0	PRISTUP	D15..D8	D7..D0	$\overline{\text{CSRH}}$	$\overline{\text{CSRL}}$
0	0	2-bajtna reč na parnoj adresi	D15..D8	D7..D0	0	0
0	1	bajt na neparnoj adresi	D15..D8	-	0	1
1	0	bajt na parnoj adresi	-	D7..D0	1	0
1	1	ne koristi se	-	-	1	1

SIGNALI SELEKCIJE MEMORIJA

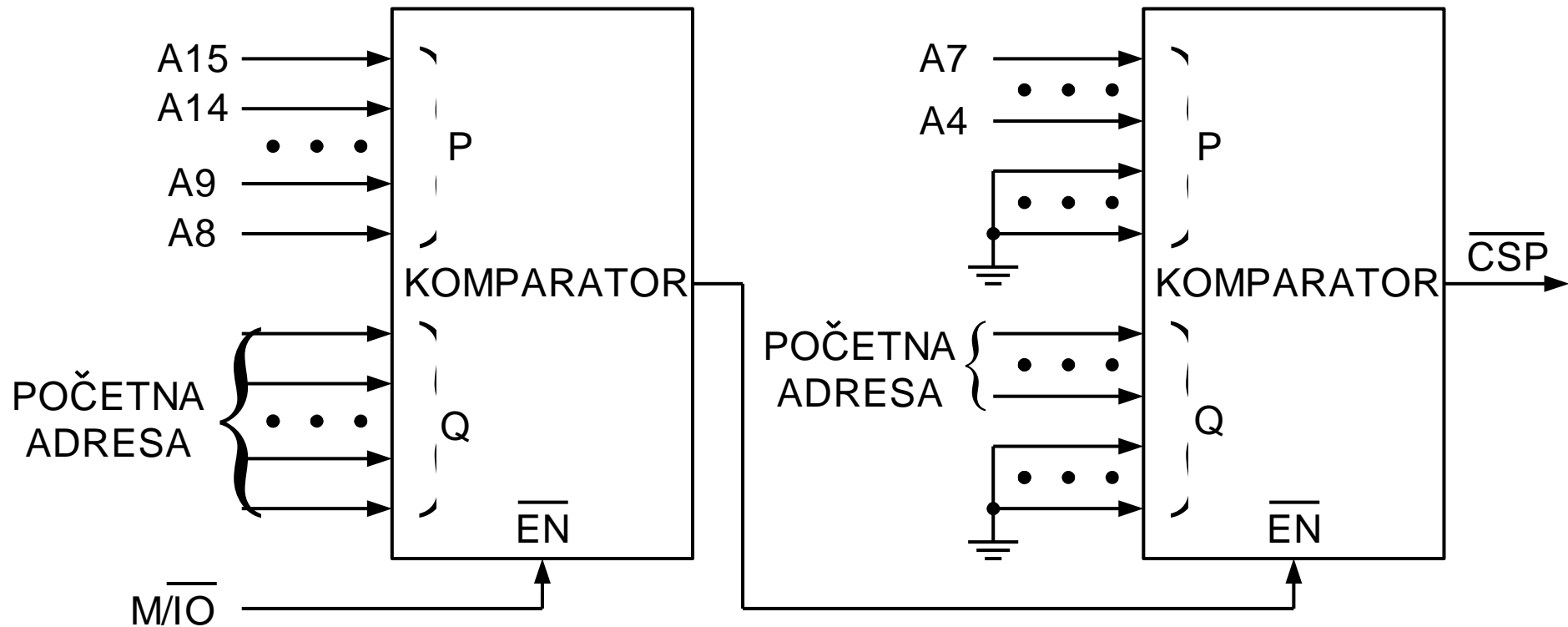
$$\overline{\text{CSRH}} = \overline{\text{CSR}} + \overline{\text{BHE}}$$

$$\overline{\text{CSRL}} = \overline{\text{CSR}} + A_0$$

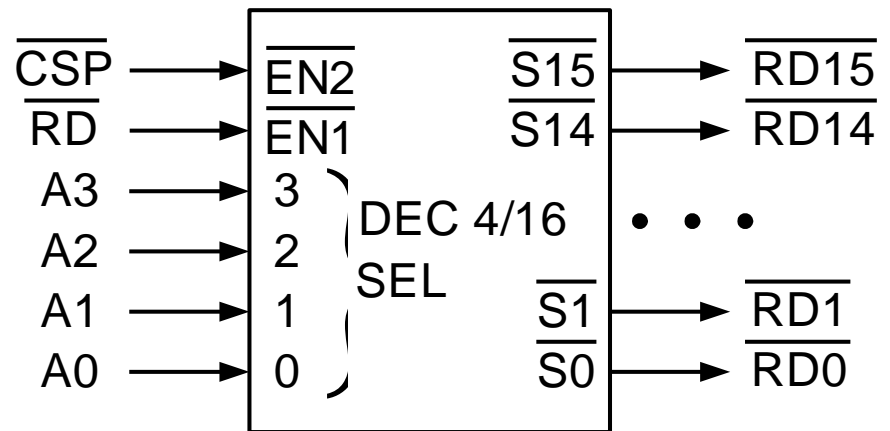
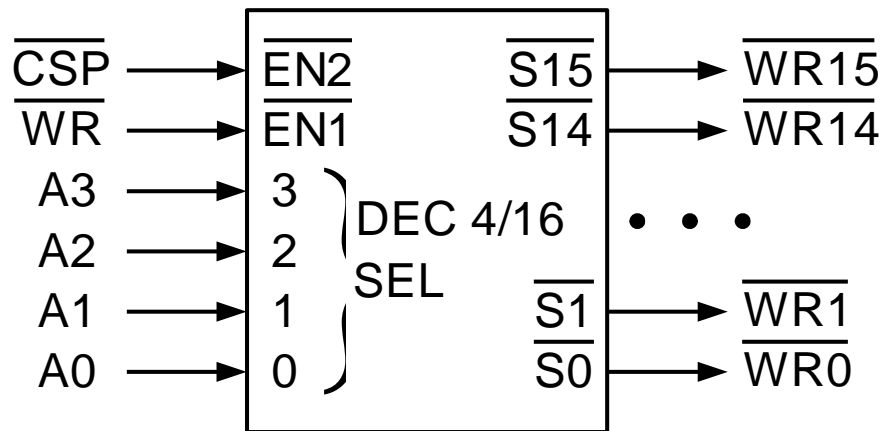
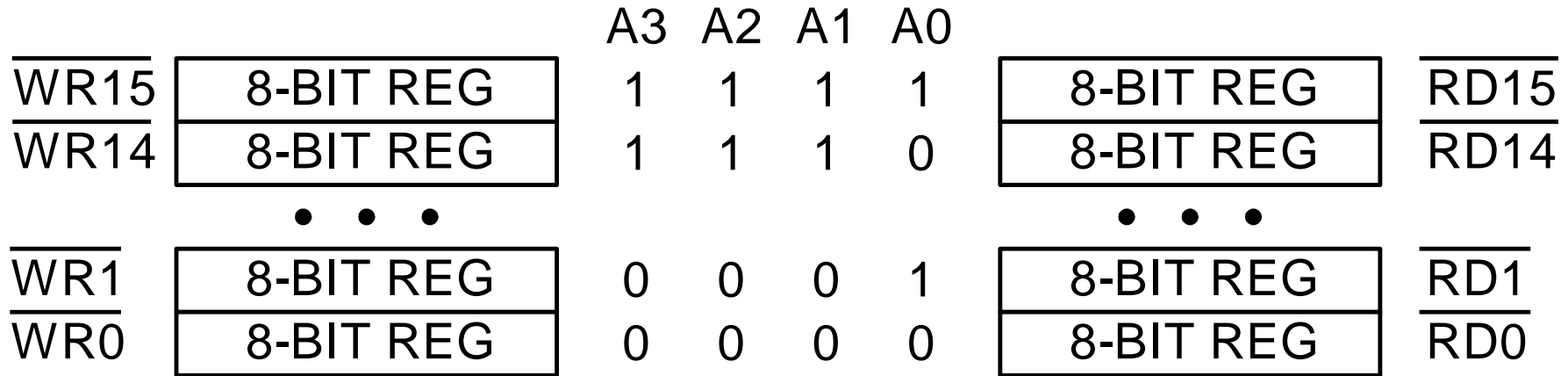
$$\overline{\text{CSEH}} = \overline{\text{CSE}} + \overline{\text{BHE}}$$

$$\overline{\text{CSEL}} = \overline{\text{CSE}} + A_0$$

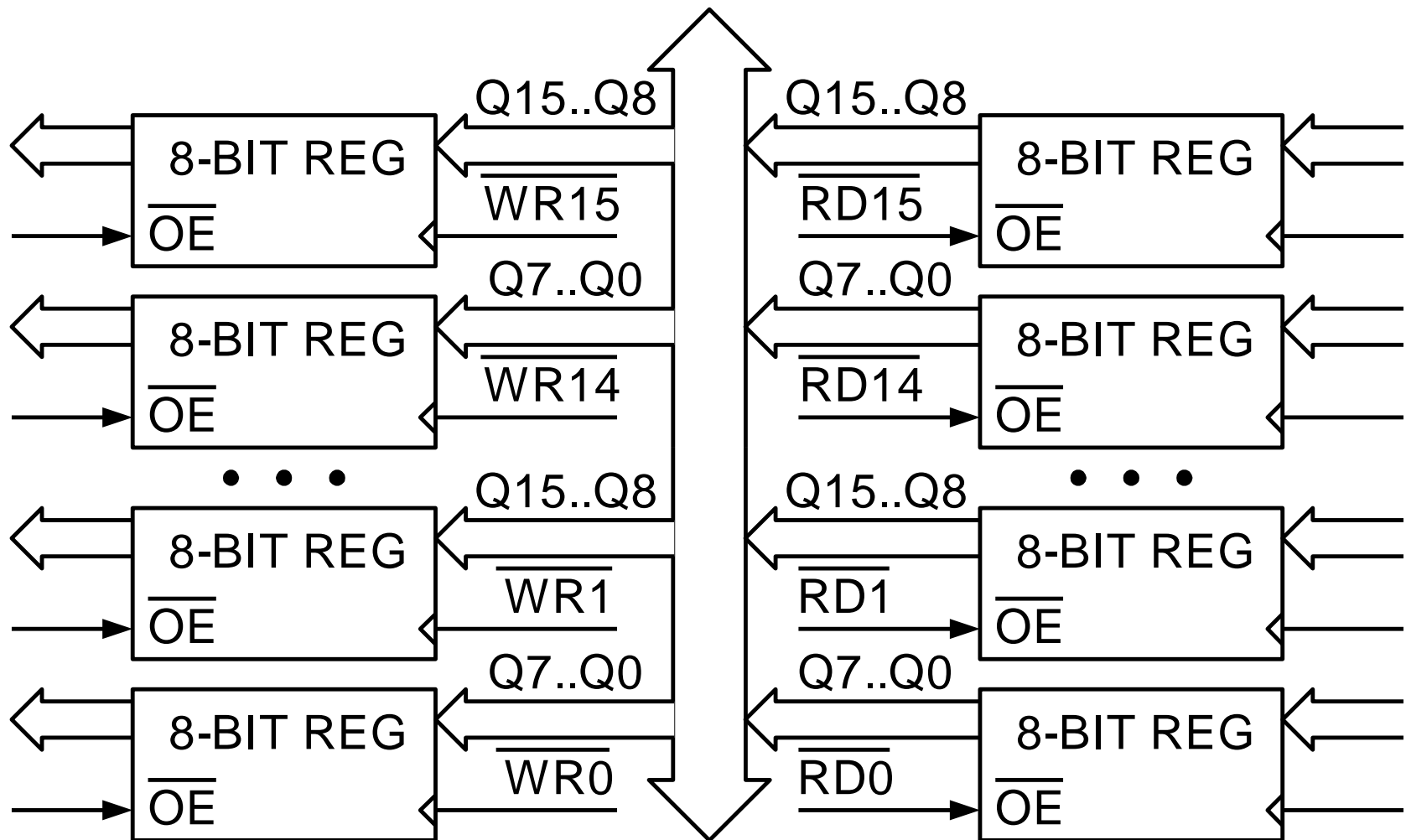
SELEKCIJA PERIFERIJE



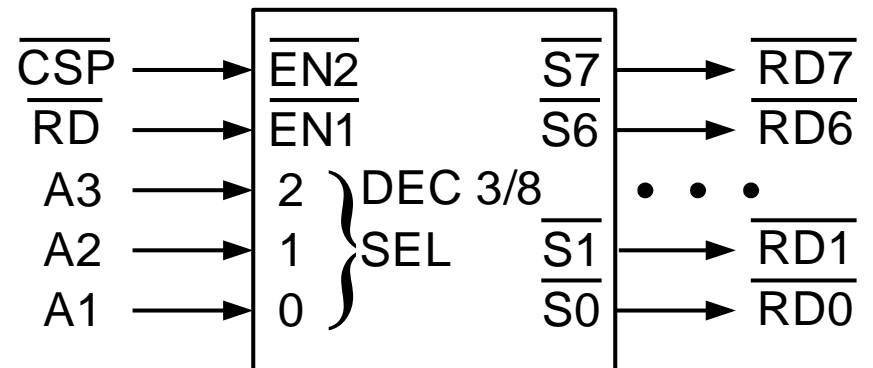
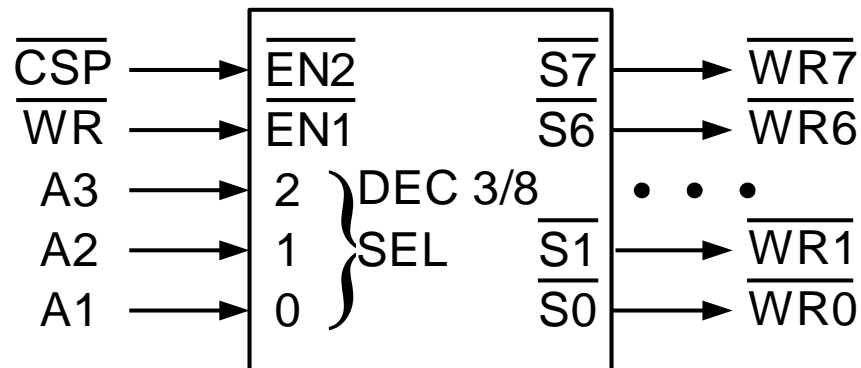
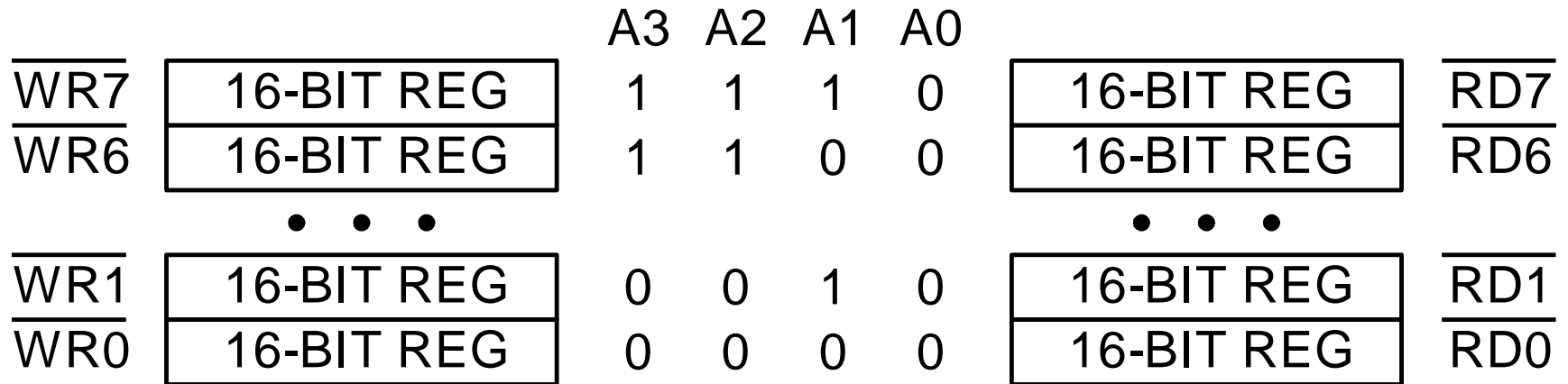
16 x 8-BITNIH R/W LOKACIJA



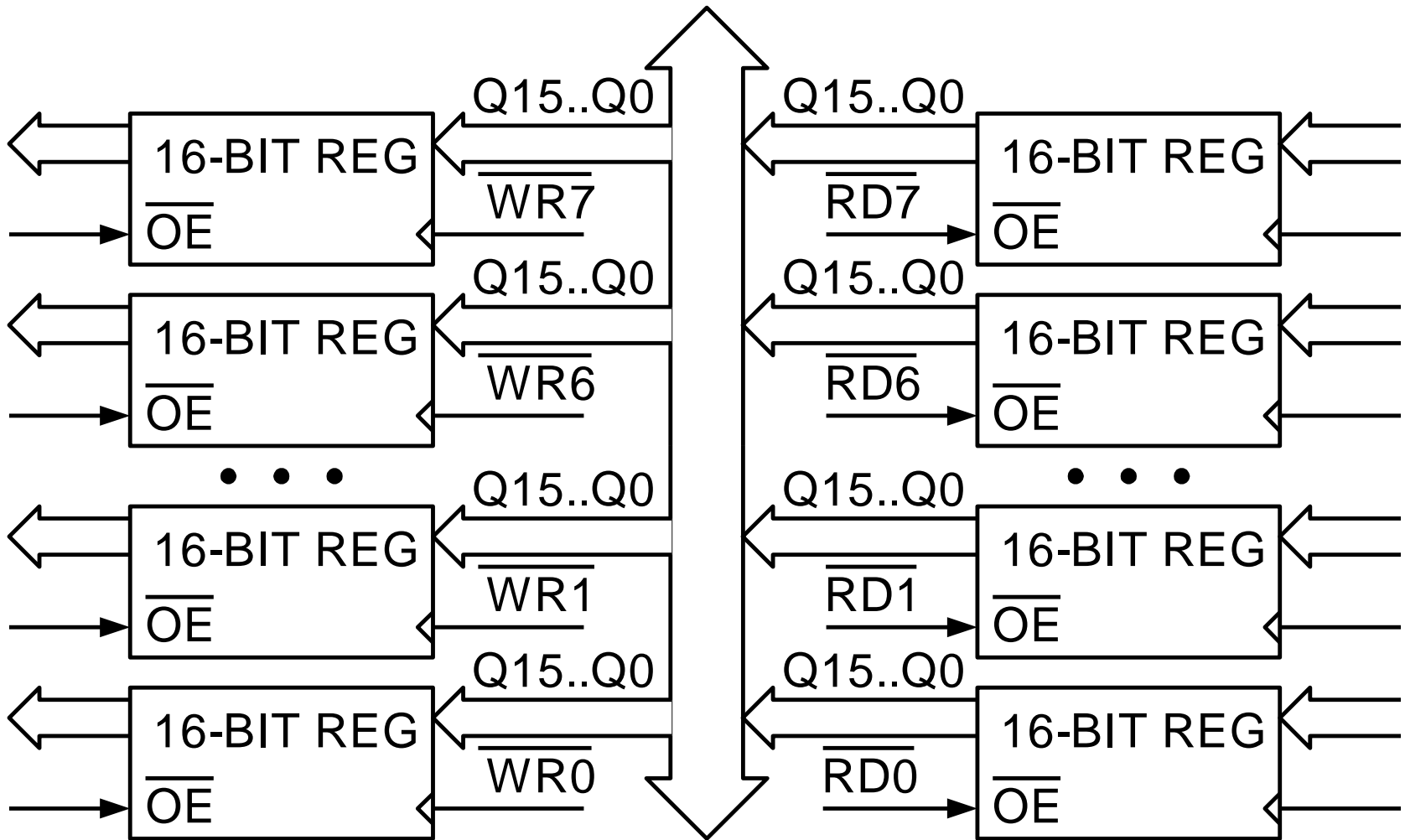
16 x 8-BITNIH R/W LOKACIJA



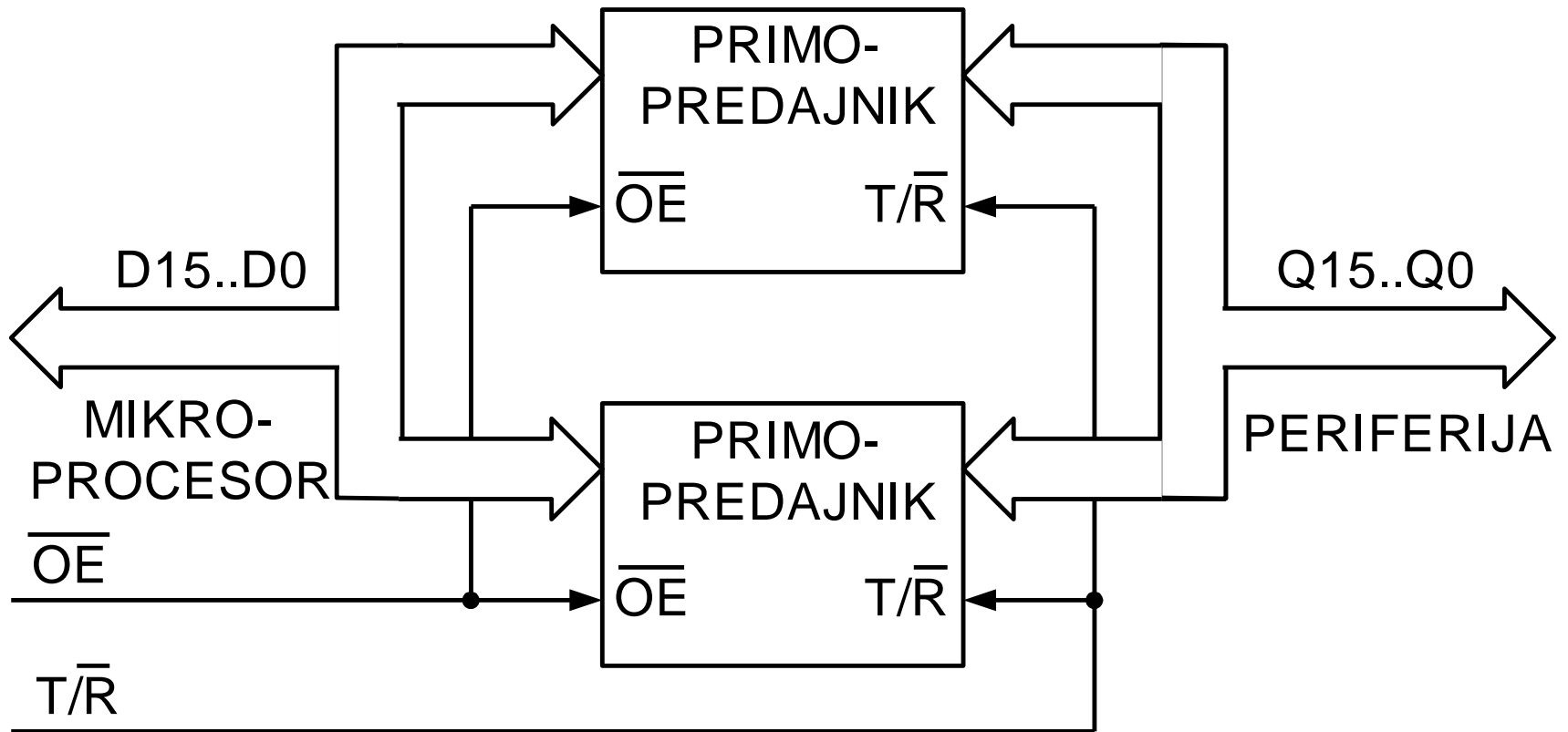
8 x 16-BITNIH R/W LOKACIJA



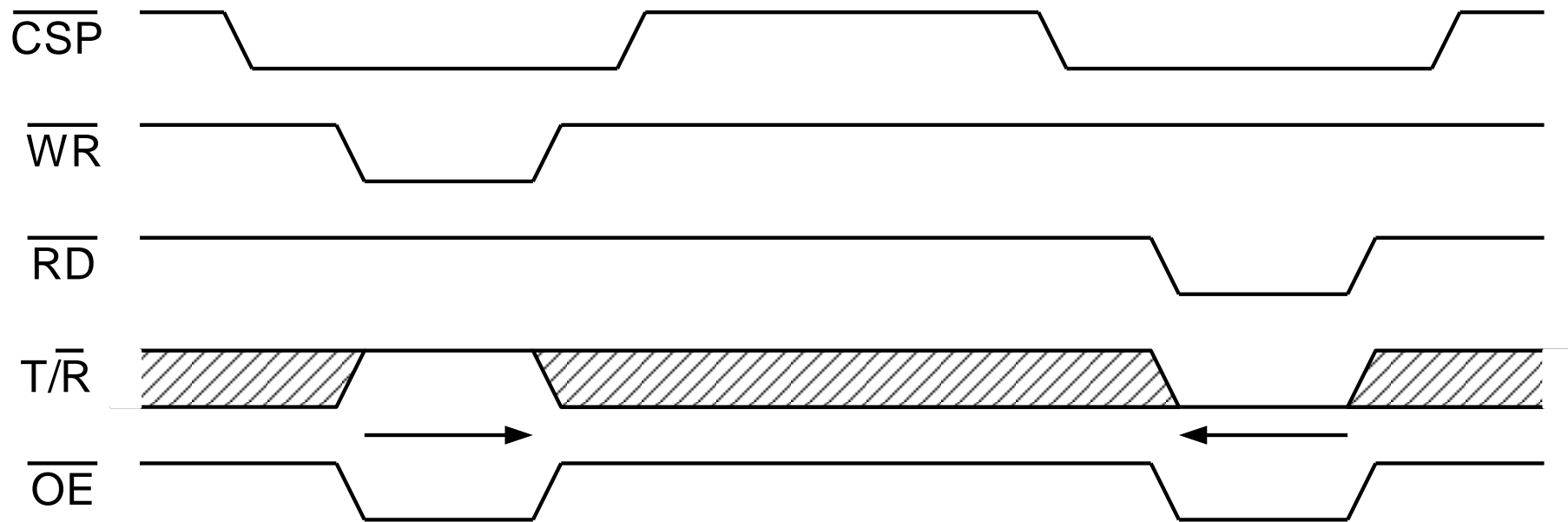
8 x 16-BITNIH R/W LOKACIJA



KONTROLA PRIMOPREDAJNIKA



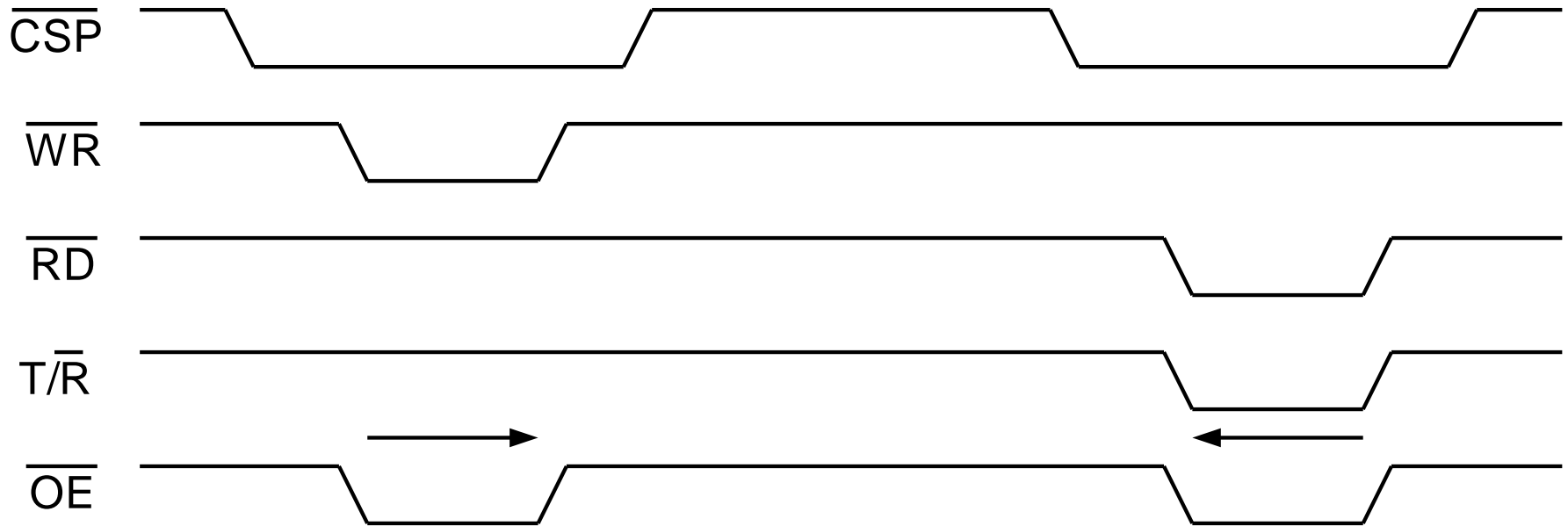
KONTROLA PRIMOPREDAJNIKA



PRVO REŠENJE KONTROLE

$$\overline{T/R} = \overline{CSP} + \overline{RD}$$

$$\overline{OE} = \overline{CSP} + \overline{WR} \cdot \overline{RD}$$



DRUGO REŠENJE KONTROLE

$$T/\bar{R} = \bar{RD}$$

$$\bar{OE} = \bar{CSP}$$

