

BCD  $\rightarrow$  2 -dim. 5

1 2 3 4 5

ab \ cd	00	01	11	10
00	1 1 0	1 1 1	1 1 3	1 1 2
01	1 1 4	1 1 5	1 1 7	1 1 6
11	12	13	15	14
10	1 1 8	1 1 9	1 1 F	1 1 0

$$\begin{aligned}
 & \overline{b} \overline{c} \overline{d} + a \overline{b} \overline{c} + \overline{a} b c d \\
 & \overline{a} \overline{c} \overline{d} + \overline{a} b \overline{c} + \overline{a} b d \\
 & \dots
 \end{aligned}$$

sumator 2 BCD  $\rightarrow$

$\rightarrow$  4 bit;  $\times 2$

cifra zeilor (carry)  
cifra unităților

shift reg

4 bit;

xt param

rst\_val (0)

sh  $\rightarrow$  shiftare

$\rightarrow$   
 $= ( ) \phi$

sh-type

0  $\rightarrow$  logică

1  $\rightarrow$  aritm.

L1----

FIFO

→ 8 bit; cititi

8 bit

8 bit

→ 1 byte (1 bit)

