

LOGISIM



Lista UI.

• BYTE

a) $+104_{10} \text{ Cd2-8 p/b.} = 01101000_2$

$64 + 32 + 8 = 1101000_2$

b) $-104_{10} \text{ Cd2-8 p/b.} = 10011000_2$

Inverte $10010111 + 1 = 10011000_2$

c) $+72_{10} \text{ Cd2-8 p/b.} = 01001000_2$

$64 + 8 = 1001000_2$

d) $-72_{10} \text{ Cd2-8 p/b.} = 10111000_2$

Inverte $1001000 + 1 \Rightarrow 10110111 + 1 \Rightarrow 10111000$

e) $01001101_2 \text{ p/b Cd2-8} = +77_{10}$

$1 + 4 + 8 + 64 = 77_{10}$

f) $11001101_2 \text{ p/b Cd2-8} = -77_{10}$

$\ominus 1 + 4 + 8 + 64$

g) $10111011_2 \text{ p/b Cd2-8} = -59_{10}$

$\ominus 1 + 2 + 8 + 16 + 32 = 59$