SIMULAZIONI

( Vout = 0 = 5 Vingo = 276 MV [ CLOSED LOOP CONFIG.]
INPUT OFFSET VOLTAGE [INPUT FC SWEEP @Vent=0]

SCHEMARCO

OC SWEED = Viu, m = all Viu,p (or Vb) DADE | DC / component parameter / select component [ Vio, p] / Sweep [-1,5,+1,5] / Step [0,5m], output [ Vout]

2 Prima Vbz. pai Viu.p. Trovo (Vbz = -748 mV)
Inoltze (8) · Ac gran coop = Ac/[1,15H]/15 points

De gain = 107, 70 dB pole (@ 104,7 dB) = 6,3 Hz PM = 180° - 92,6° = 87, 4° (@ fr = 1,49 MHz)

· AC CLOSED LOOP => GBW = 1,65 MHZ PM (closed loop) = 131°?

STEP RESANSE = 1) See Peuiod = 6 µs, trise = true = 500 ns -957

SR + = 956

V/µs

RISE TITE [ 10 1. - 90 1.] = \$788.4

FAULTITE = 400 ns

SETUMATIONS TITE ( 1.1) SETTUNG FINE (1.1.) = 160 ms | 905,5 | SETTL. TIME = 100 hs

CAR = v closed logs, ac sweep (Viu-p)

Ad = 107, 7 dB

CAR = v closed logs, ac sweep (Viu-p)

Ac = 59,35dB

CAR+ = 1,21V } CAR = 2,68V

• PSRR => AC1 in VDO (PSRR+) e VSS (PSRR-) => EPEN LOOP

Continua . -

Voo [AC] = 0 Apst = 59,6 dB = 0. PSRR+ = 48,1 dB Vss [AC] = 0 Aps- = 67,3 dB = 0 PSRR- = 40,6 dB

· Toral bias current =0 (6,8 mA)? 6,77 mA hel layout!

Harring &