

V. 04 EC) = 3 = R1 x 10 -> 3 = 10 x 10 R+R2 10+RZ (40) IR, >> 10 = 10 K-2 30 + 3R2 = 100 3R2 = Vo = Ro = 3 LTP = 6 $\times 10^{-3}$ 33.33 23.33+10IR = 5- 5 13, 45 mx > 10 MA Io 7 In + 1R1 10-5 , 5 + 0.3 , R<1.13 (121) Jes Q1 1 (8 (15) 1- R2 - IB2 = 0 VB1 = 6.75

المامرة ال 8) RLZS - Ic, - vcc - VcE (sat) = 4.8 mA Ic2 = IB, = VCC - VBE(on) = 391 M RBTRC Bmin = 1c1 = 1228 B7,13 VC2 = VBE (on) + RB rcc - VBE(on) = u. 81 V
RB+RC 221Q.: 3 VCE (SQL) = 0.2 , VCI = 0.2 VRE (On) = 0.7 , VBI = 0.7 VB2 = - VEE + R2 x VCEI(Sat) - (-VEE) = _0.49 R1 + R2 vcc - VBE, (on) = 4.38 VBE, (on) + R, x R+RC I' = Vec-ver - 4.8 mg IB, = I1 - I2 = 468 MA 1'2 = VC1-(-VEE) - 118 A IC1 = I', I'2 = 4.88 mA 071 BY

