



: V659 - V79 = VT11+ Vov11 - V79 = Vov11 Since Vesq - Viq = Vest - Vic and The should be equal to got to conce the RHP zero. 1/Rg = K'(W/L)q(V659-V79) = 3m6 = K'(W/L)(V656-V76) =) ( "\f) = ( W/L) 6 = 100/1 (c) To get 45° phose Margin set the second pole = unity gain freq. (1P2) = 3m6 Cc = 3m2 (Cristhe parasitie cap.) CC+CcC+ CcC+ CCC & at first stage output) : C1 = C012 + C014 + C656 + C019 = C556 = (2 100 m. 0.9 m). 432 fF C1=259.2ff 3m2 = 147 MA/V = 294 Mrad/s 10 294 Mrady = 2.94 m A/V. 5PF C 259,2 f + C 59+259,2 f x 5p => CL = 9,26 pf

