on Piezo Driver for Mento Input C=32nF, bandmidth ss 10kHz, so we'll design citchia For ZOKHZ. How much current? I = C dy = = 3.2 × 10 - 8. 500 x 2.0 = 104 = 3.2 × 10³ = 3,2 m A Power is 50 × 3.2 m A = 0.16 w Will use a DC-DC converger to general 48V, eg. RID-0524 (706-3657)RS
gives isolated t24V at 21mA. Borsic Circorit 25 Nord push-pull output stage as Re would dissipate too much power to get acceptable bardwidth: 2 T F C = 1/R => R = 200 J2 => 482 = 9 W = Make divider 10:1 so SVIN = SOVONE Transistors (55P2907A7A (PNP-60V/-0.6A) (T092) 2N4401 (NPN 60V/ 0.6A) or 2N2905 (7039) Probably use 2010 (P=1/4 W) Power of amp off 2420 12V swirching regularat
eg TSR 1-24120 (draws IMA, 90% eff.) Single supply op- comp TI: TL (271A (needs bons connection) CA3140