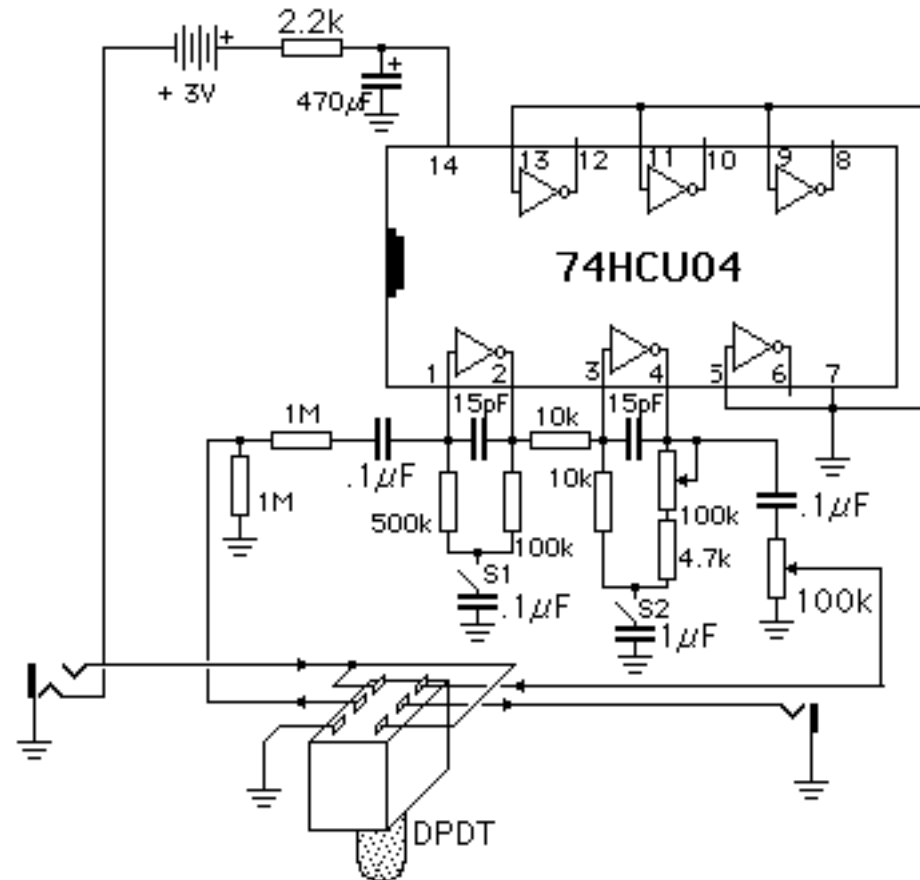


CMOS DRIVE



v1.0
01/03

3V powered OD/Distortion draws less than 1mA with good range of distortion tones. 74HCU04 is the chip to use, particularly designed CMOS chip for linear applications. Power supply filter cap must be large to avoid oscillations. Closing switches S1 and S2 suppresses negative AC feedback for stages 1 and 2 which has to raise gain. Depending on the setting of the 100k gain pot and the settings of S1 and S2, sounds from clean to heavy distortion can be dialed in. (Tested at supplies below 1.5V!... YMMV)