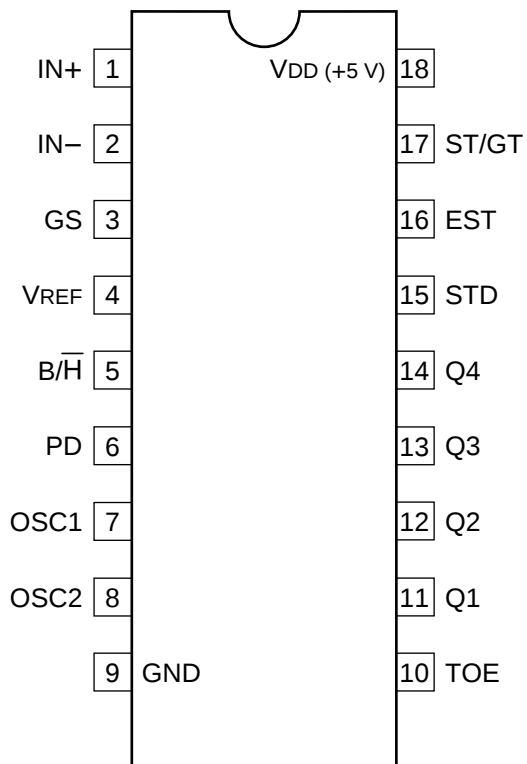


C-MOS DTMF RECEIVER

—TOP VIEW—



EST : EARLY STEERING OUTPUT
 GS : GAIN SELECT FOR FEEDBACK RESISTOR
 IN+ : NON-INVERTING INPUT OF OPERATIONAL AMPLIFIER
 IN- : INVERTING INPUT OF OPERATIONAL AMPLIFIER
 OSC1 : CRYSTAL OSCILLATOR INPUT
 OSC2 : CRYSTAL OSCILLATOR OUTPUT
 Q1 - Q4 : THREE-STATE DATA OUTPUT
 STD : DELAYED STEERING OUTPUT
 ST/GT : STEERING INPUT/GUARD TIME OUTPUT
 TOE : THREE-STATE OUTPUT ENABLE INPUT
 VREF : REFERENCE VOLTAGE OUTPUT

