



NOTES: Q<sub>2</sub>=Q<sub>1</sub>=BC237/BC337/BC546 ... 550.  
 Q<sub>3</sub>=BF245A. (USE "A" GRADE ONLY)  
 C<sub>1</sub>, C<sub>2</sub>=SEE TEXT.  
 DS<sub>1</sub>, DS<sub>2</sub>=COMMON-CATHODE, SEVEN-SEGMENT LED DISPLAY.

Figure 1 Build a low-cost, two-digit dc millivoltmeter from a microprocessor and a few components.