



**NOTES:**  
 CURRENT LED IS 6.5 TO 2.1 mA.  
 DS<sub>3</sub> AND DS<sub>1</sub> ARE COMMON-ANODE, SEVEN-SEGMENT LED DISPLAYS.  
 DS<sub>2</sub> AND DS<sub>0</sub> ARE COMMON-CATHODE, SEVEN-SEGMENT LED DISPLAYS.  
 USE GRADE A ONLY FOR Q<sub>1</sub>.

Figure 1 By using common-anode and common-cathode, seven-segment LED displays, the I/O ports of a microcontroller can drive the displays without using additional external components.