

Kit No.   Date:   /   /

USE TEMPLATE  
01234  
56789  
MISFILL -1 PT



# LABORATORY 4

Please print this sheet prior to coming to laboratory. Complete the pre-laboratory tasks in your lab notebook. Complete the lab tasks in **both** your lab notebook and this submission sheet.

## 1 Pre-laboratory Verification

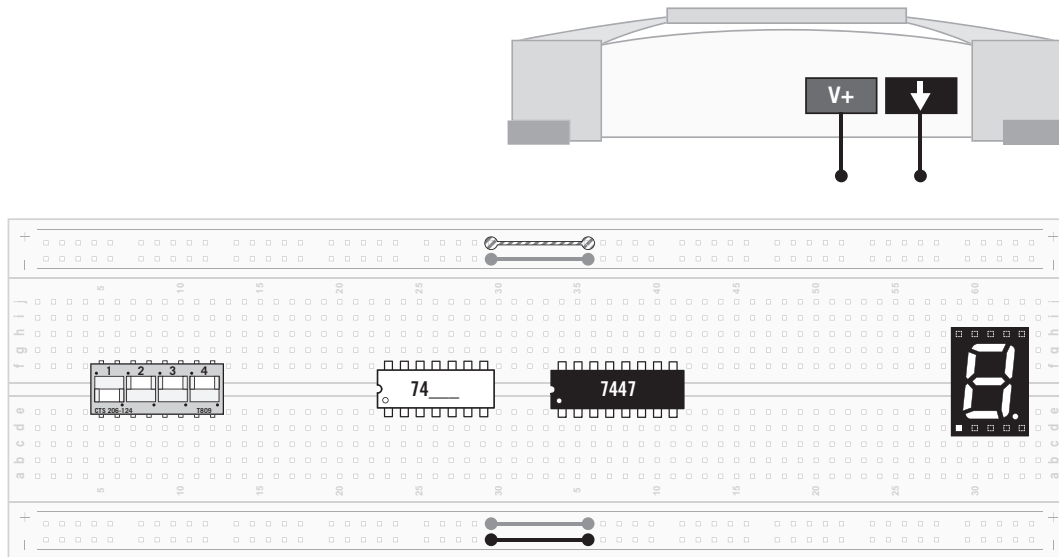
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## 2 Laboratory Verification

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### 3 Deliverables

1. Draw the circuit that you used to implement the blanking circuitry:



2. What is the purpose of creating a blanking circuit for the seven-segment display?

3. How would one create a combinational circuit to light the center bar ( $G$ ) of the seven-segment display (resulting in a dash) instead of only blanking it? **Explain the process.**