**Requirement :-**

1. Input Voltage : 1.5V to 3.2V
2. Output Voltage : 5V
3. Output Current : 0.5A to 0.750A

**Selected IC Parameters :-**

1. Selected IC : TLV61070A
2. Manufacturer : TI
3. Input Voltage : 0.5V to 5.5V
4. Output Voltage : 2.2V to 5.5V
5. Switching Current : 2.5A
6. Switching freq : 500KHz to 1MHz
7. UVLO Rising : 1.0V to 1.3V
8. UVLO falling : 0.4V to 0.5V
9. VEN(H) : 1.2V
10. VEN(L) : 0.35V to 0.45V

**Readings :-**

**Test 1:-**

Below is the Image of the TLV61070A Encrypted PSpice Model.

* Input Voltage : 3.2V
* Output Voltage : 5V
* Output Current : 0.750A





**Test 2:-**

Below is the Image of the TLV61070A Encrypted PSpice Model.

* Input Voltage : 1.5V
* Output Voltage : 5V
* Output Current : 0.750A



