

PC Hardware Electronics Exercise

1. What is electricity?

2. Record the function of each type of electrical component.

Battery	
Capacitor	
Connector	
Crystal	
Circuit Breaker	
Diode	
Inductor	
Integrated Circuit	
LED	
Resistor	
Sensor	
Switch	
Transformer	
Transistor	

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Jack or Pin	
Jumper	
Varistor	

3. Describe the following:

Unit	Abbreviation	Symbol	Description
Current			
Earth Ground			
Power			
Resistance			
Voltage			

4. What is single phase power? Draw a single phase diagram.

5. What is three phase power? Draw a three phase diagram.