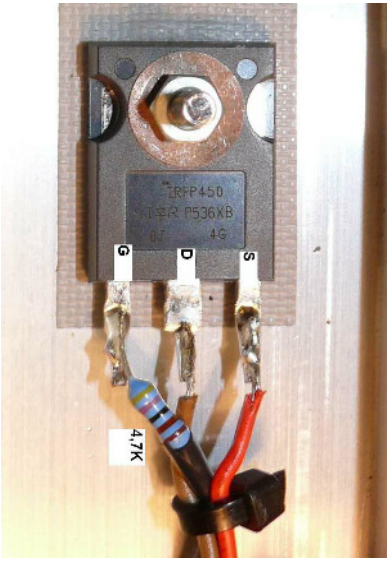

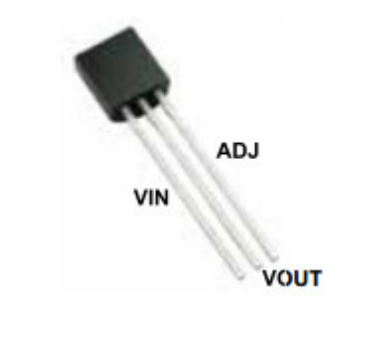
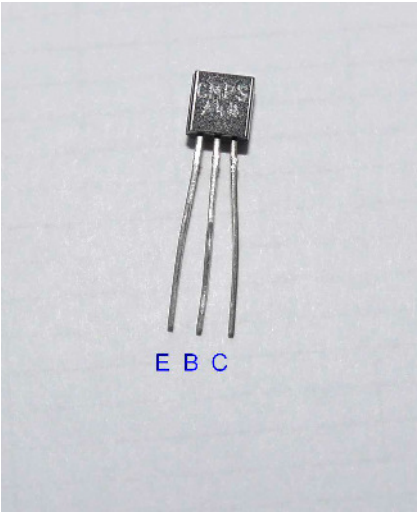
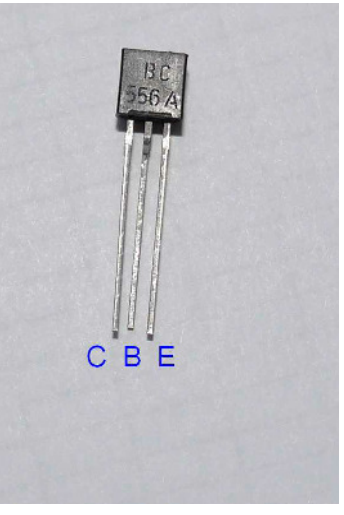
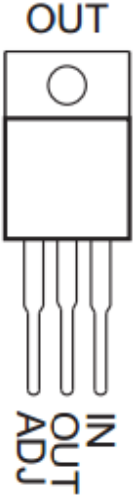


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Semiconductors – Pin assignment

In the following are pictures of some of the used semiconductors:

<p>IRFP450 IRFP460</p>  <p>A photograph of an IRFP450 MOSFET mounted on a metal heat sink. The device is labeled 'IRFP450', '150V P536XB', and '45'. Three pins are visible at the bottom, labeled 'G' (gate), 'D' (drain), and 'S' (source). A resistor with a value of 4.7k is connected to the gate pin.</p>	<p>LT1086CT-5 LT1086CT-12</p>  <p>A photograph of an LT1086CT-5 voltage regulator in a TO-18 package. The device is labeled 'LINEAR', 'LT1086', 'CT-5', and '7070894'. The pins are labeled '0', 'out', and 'in'.</p>	<p>LR8 Supertex</p>  <p>A photograph of an LR8 Supertex potentiometer. The three pins are labeled 'VIN', 'ADJ', and 'VOUT'.</p>
<p>MPSA94 MPSA44</p>  <p>A photograph of an MPSA94/MPSA44 transistor. The three pins are labeled 'E', 'B', and 'C'.</p>	<p>BC550 BC556</p>  <p>A photograph of a BC550/BC556 transistor. The three pins are labeled 'C', 'B', and 'E'.</p>	 <p>A schematic diagram of a TL783 voltage regulator. The top pin is labeled 'OUT'. The bottom three pins are labeled 'IN', 'OUT', and 'ADJ' from left to right.</p> <p>TL783</p>