<table>
<thead>
<tr>
<th>Bill #</th>
<th>Material</th>
<th>Quantity</th>
<th>Value</th>
<th>Part Number</th>
<th>Manufacturer</th>
<th>Description</th>
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<tr>
<td>1</td>
<td>U1</td>
<td>1</td>
<td></td>
<td>1 MSP430F6736IPZ</td>
<td>Texas Instruments</td>
<td>25 MHz Mixed Signal Microcontroller with 128 KB Flash, 8192 B SRAM</td>
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<tr>
<td>2</td>
<td>R58</td>
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<td></td>
<td>220 CRCW0402220RJNED</td>
<td>Vishay-Dale</td>
<td>RES, 220, 5%, 0.063 W, 0402</td>
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<tr>
<td>3</td>
<td>R54</td>
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<td>Vishay-Dale</td>
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<td>4</td>
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<td>249k CRCW0402249KFKED</td>
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<tr>
<td>5</td>
<td>R22</td>
<td>1</td>
<td></td>
<td>95.3 CRCW251295R3FKEG</td>
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<td>RES, 95.3, 1%, 1 W, 2512</td>
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<td>6</td>
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<td>7</td>
<td>R17, R24</td>
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<td>0 CRCW04020000Z0ED</td>
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<td>RES, 0, 5%, 0.063 W, 0402</td>
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<td>8</td>
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<td>9</td>
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<tr>
<td>11</td>
<td>J9</td>
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<tr>
<td>12</td>
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<td>14</td>
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<td>NY PMS 440 0025 PH</td>
<td>B&amp;F Fastener Supply</td>
<td>Machine Screw, Round, #4-40 x 1/4, Nylon, Philips panhead</td>
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<td>15</td>
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<td>0.01uF C0805C103F1GACTU</td>
<td>Kemet</td>
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<td>8200pF C1608C0G1E822J</td>
<td>TDK</td>
<td>CAP, CERM, 8200 pF, 25 V, +/- 5%, C0G/NP0, 0603</td>
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<td>0.1uF</td>
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<td>C&amp;D</td>
<td>DUAL-CHANNEL 2:1</td>
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<td>19</td>
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<td>1-Ohm SP3T ANALOG SWITCH</td>
<td>C&amp;D</td>
<td>5-V/3.3-V SINGLE-CHANNEL 3:1</td>
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<td>C&amp;D</td>
<td>DUAL-CHANNEL 2:1</td>
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<tr>
<td>21</td>
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<td>3</td>
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<td>0.3-Ohm SP3T ANALOG SWITCH</td>
<td>C&amp;D</td>
<td>5-V/3.3-V SINGLE-CHANNEL 3:1</td>
</tr>
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</table>

**Notes:**
- All values and quantities are in part numbers and values, respectively.
- The table includes various components such as resistors, capacitors, microcontrollers, and other electronic components.
- Footnotes and additional information are included for specific parts, such as resistors and capacitors, with variations in values and manufacturers.
- The table also includes notes on specific quantities and part numbers, indicating the need for specific components or kits.

**General Notes:**
- All parts are listed in the order of their use in the device's construction.
- The table is comprehensive, listing all necessary parts and their specifications.

**Manufacturer:**
- Texas Instruments
- Vishay-Dale
- Kemet
- TDK
- AVX
- B&F Fastener Supply
- DEM Manufacturing
- C&D
- Texas Instruments
- Fairchild Semiconductor
- Mouser Electronics
- Texas Instruments
- Fairchild Semiconductor
- B&F Fastener Supply
- DEM Manufacturing
- C&D
- Kemet
- TDK
- AVX
- Mouser Electronics
- Texas Instruments
- Fairchild Semiconductor
- B&F Fastener Supply
- DEM Manufacturing
- C&D
- Kemet
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- Texas Instruments
- Fairchild Semiconductor
- B&F Fastener Supply
- DEM Manufacturing
- C&D
- Kemet
- TDK
- AVX
- Mouser Electronics
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