### SOUND/SPEECH ASSY. (A6), PARTS LIST

<table>
<thead>
<tr>
<th>REFERENCE</th>
<th>DESCRIPTION</th>
<th>PART NUMBER</th>
<th>REFERENCE</th>
<th>DESCRIPTION</th>
<th>PART NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1, C2</td>
<td>Sound/Speech Assembly</td>
<td>MA-216</td>
<td>R15, R16</td>
<td>Potentiometer, 10K ohm</td>
<td>XO-109</td>
</tr>
<tr>
<td>C4</td>
<td>Capacitor, 0.1uF, 25V</td>
<td>XO-248</td>
<td>R18, R21</td>
<td>Resistor, 100K ohm, 5%, 1/4W</td>
<td>XO-45</td>
</tr>
<tr>
<td>C15, C16, C19</td>
<td></td>
<td></td>
<td>R22</td>
<td>Resistor, 2K ohm, 5%, 1/4W</td>
<td>XO-14</td>
</tr>
<tr>
<td>C20, C21, C23</td>
<td></td>
<td></td>
<td>R31</td>
<td>Resistor, 68K ohm, 5%, 1/4W</td>
<td>XO-189</td>
</tr>
<tr>
<td>C25, C26</td>
<td></td>
<td></td>
<td>R1P, R2P</td>
<td>Resistor, Dip</td>
<td>XO-168</td>
</tr>
<tr>
<td>C28-C30, C33</td>
<td></td>
<td></td>
<td>SB1</td>
<td>Switch, Dip</td>
<td>XO-505</td>
</tr>
<tr>
<td>C42, C44</td>
<td></td>
<td></td>
<td>SW1</td>
<td>Switch, Momentary Pushbutton</td>
<td>XO-515</td>
</tr>
<tr>
<td>C31-C32</td>
<td></td>
<td></td>
<td>U1</td>
<td>IC, 7414</td>
<td>XO-397</td>
</tr>
<tr>
<td>C37</td>
<td></td>
<td></td>
<td>U2</td>
<td>IC, SN74LS74N</td>
<td>XO-434</td>
</tr>
<tr>
<td>C3, C38-C41</td>
<td></td>
<td></td>
<td>U3</td>
<td>CPU, 6502-13</td>
<td>XO-360</td>
</tr>
<tr>
<td>C14, C24</td>
<td></td>
<td></td>
<td>U4</td>
<td>IC, SN74LS13BN</td>
<td>XO-437</td>
</tr>
<tr>
<td>C22</td>
<td></td>
<td></td>
<td>U5, U6</td>
<td>EPROM, 2716</td>
<td>PR-53</td>
</tr>
<tr>
<td>C27</td>
<td></td>
<td></td>
<td>U7-U9, U11, U18</td>
<td></td>
<td>XO-394</td>
</tr>
<tr>
<td>C36</td>
<td></td>
<td></td>
<td>U10</td>
<td>IC, SN74LS02N</td>
<td>XO-428</td>
</tr>
<tr>
<td>C45, C46</td>
<td></td>
<td></td>
<td>U12</td>
<td>IC, SN7407N</td>
<td>XO-384</td>
</tr>
<tr>
<td>C49</td>
<td></td>
<td></td>
<td>U13</td>
<td>IC, Inverter, SN74LS05N</td>
<td>XO-411</td>
</tr>
<tr>
<td>C1</td>
<td></td>
<td></td>
<td>U14</td>
<td>Voice Chip, SC01</td>
<td>XO468</td>
</tr>
<tr>
<td>CR1</td>
<td></td>
<td></td>
<td>U15</td>
<td>RRIOT, 6R532-1B</td>
<td>XO-361</td>
</tr>
<tr>
<td>CR2</td>
<td>Diode, Zener, 1N5225A</td>
<td></td>
<td>U16</td>
<td>IC, SN74LS04N</td>
<td>XO-418</td>
</tr>
<tr>
<td>Q1, Q3</td>
<td></td>
<td></td>
<td>U17</td>
<td>IC, SN74LS30N</td>
<td>XO-432</td>
</tr>
<tr>
<td>Q2</td>
<td>Transistor, PNP, 2N2222A</td>
<td></td>
<td>U19</td>
<td>Converter, PMI, 1408A-6P</td>
<td>XO-416</td>
</tr>
<tr>
<td>R1, R4, R5</td>
<td>Resistor, 5.6K ohm, 1/4W</td>
<td></td>
<td>U21, U22</td>
<td>IC, LM74 ICP</td>
<td>XO-393</td>
</tr>
<tr>
<td>R11, R12</td>
<td></td>
<td></td>
<td>U23</td>
<td>IC, LM379S</td>
<td>XO-395</td>
</tr>
<tr>
<td>R2, R3</td>
<td>Resistor, 2K ohm, 5%, 1/4W</td>
<td></td>
<td>U24</td>
<td>IC, Dual Comparator, LM193</td>
<td>XO-396</td>
</tr>
<tr>
<td>R6, R13</td>
<td>Potentiometer, 10K</td>
<td></td>
<td>U25</td>
<td>Inverter, 740I</td>
<td>XO-402</td>
</tr>
<tr>
<td>R6A, R7, R23-R30</td>
<td></td>
<td></td>
<td>Y1</td>
<td>Crystal, 2.57954MHz</td>
<td>XO-456</td>
</tr>
<tr>
<td>R8, R8A, R14</td>
<td></td>
<td></td>
<td></td>
<td>Socket 22 Pin Dip</td>
<td>XO-467</td>
</tr>
<tr>
<td>R68</td>
<td>Resistor, 1K ohm, 5%, 1/4W</td>
<td></td>
<td></td>
<td>Socket 24 Pin [2]</td>
<td>XO-529</td>
</tr>
<tr>
<td>R9</td>
<td>Resistor, 1.8K ohm, 5%, 1/4W</td>
<td></td>
<td></td>
<td>Socket 40 Pin [2]</td>
<td>XO-530</td>
</tr>
<tr>
<td>R10</td>
<td>Resistor, 2.2K ohm, 5%, 1/4W</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Resistor, 1.5K ohm, 5%, 1/4W</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>