



**Figure 2**

**NOTES:**

- C<sub>1</sub> TO C<sub>18</sub>: 33 TO 100 nF (63V).
- D<sub>1</sub> TO D<sub>19</sub>: 1N4148 OR EQUIVALENT.
- IC<sub>1</sub> TO IC<sub>3</sub>: CD 40106B.
- IC<sub>4</sub>: LP2951 (NATIONAL SEMICONDUCTOR).

This circuit illustrates the operating principle of the basic voltage-doubler cell.