|           |      | <b>J</b> | <del></del> | <b>—</b> | <del></del> | <del></del> | <del></del> | <del></del> | <b>—</b>    | <b>↓</b> | <b>↓</b> | <del></del> | <b>J</b> | <b>J</b>    | <b></b>     | <b>—</b> | <b>—</b> | <b>_</b>    |
|-----------|------|----------|-------------|----------|-------------|-------------|-------------|-------------|-------------|----------|----------|-------------|----------|-------------|-------------|----------|----------|-------------|
| HEX       | 0    | 1        | 2           | 3        | 4           | 5           | 6           | 7           | 8           | 9        | a        | b           | C        | d           | e           | f        | 0        | <u> </u>    |
| Output -  |      |          | <u> </u>    |          | 1           | <u> </u>    | 1           |             | <u> </u>    |          |          |             |          |             | <u> </u>    | 1        | 1        |             |
| DISPLAY   | 40   | 79       | 24          | 30       | 19          | 12          | 02          | 78          | 00          | 18       | 08       | 03          | 46       | 21          | 7f          |          | 40       | 79          |
| DISPLAY - |      | <u></u>  |             | +        | <del></del> | <del></del> | <u> </u>    | <del></del> | <del></del> | <u></u>  | <u> </u> | <u> </u>    | <u> </u> | <del></del> | <del></del> | +        | +        | <del></del> |
| HEX       | 0000 | 0001     | 0010        | 0011     | 0100        | 0101        | 0110        | 0111        | 1000        | 1001     | 1010     | 1011        | 1100     | 1101        | 1110        | 1111     | 0000     | 0001        |
|           |      |          | +           | 0110000  | +           | +           | 1           | 1           | +           | 0011000  |          | -           | -        | -           | +           | +        | 1000000  | 1111001     |
| ,         |      | <u></u>  |             |          |             |             |             | 1           |             |          |          |             |          |             |             |          |          |             |
|           |      |          |             |          |             |             |             |             |             |          |          |             |          |             |             |          |          |             |
|           |      |          |             |          |             |             |             |             |             |          |          |             |          |             |             |          |          |             |
|           |      |          |             |          |             |             |             |             |             |          |          |             |          |             |             |          |          |             |
|           |      |          |             |          |             |             |             |             |             |          |          |             |          |             |             |          |          |             |
|           |      |          |             |          |             |             |             |             |             |          |          |             |          |             |             |          |          |             |
|           |      |          |             |          |             |             |             |             |             |          |          |             |          |             |             |          |          |             |
|           |      |          |             |          |             |             |             |             |             |          |          |             |          |             |             |          |          |             |
|           |      |          |             |          |             |             |             |             |             |          |          |             |          |             |             |          |          |             |
|           |      |          |             |          |             |             |             |             |             |          |          |             |          |             |             |          |          |             |
|           |      |          |             |          |             |             |             |             |             |          |          |             |          |             |             |          |          |             |
|           |      |          |             |          |             |             |             |             |             |          |          |             |          |             |             |          |          |             |
|           |      |          |             |          |             |             |             |             |             |          |          |             |          |             |             |          |          |             |
|           |      |          |             |          |             |             |             |             |             |          |          |             |          |             |             |          |          |             |
|           |      |          |             |          |             |             |             |             |             |          |          |             |          |             |             |          |          |             |
|           |      |          |             |          |             |             |             |             |             |          |          |             |          |             |             |          |          |             |
|           |      |          |             |          |             |             |             |             |             |          |          |             |          |             |             |          |          |             |
|           |      |          |             |          |             |             |             |             |             |          |          |             |          |             |             |          |          |             |
|           |      |          |             |          |             |             |             |             |             |          |          |             |          |             |             |          |          |             |
|           |      |          |             |          |             |             |             |             |             |          |          |             |          |             |             |          |          |             |
|           |      |          |             |          |             |             |             |             |             |          |          |             |          |             |             |          |          |             |
|           |      |          |             |          |             |             |             |             |             |          |          |             |          |             |             |          |          |             |
|           |      |          |             |          |             |             |             |             |             |          |          |             |          |             |             |          |          |             |
|           |      |          |             |          |             |             |             |             |             |          |          |             |          |             |             |          |          |             |
|           |      |          |             |          |             |             |             |             |             |          |          |             |          |             |             |          |          |             |
|           |      |          |             |          |             |             |             |             |             |          |          |             |          |             |             |          |          |             |
| ١).0      |      |          | 50 ns       |          | 100         | 00 ns       |             | 150 ns      |             | 200      | 0 ns     |             | 250 ns   |             | 30          | 00 ns    | 1111     | 350 ns      |