

(a) Logic circuit and 7-segment display

| | <i>s</i> ₁ | s_0 | а | b | С | d | e | f | g |
|---|-----------------------|-------------|---|---|---|---|---|---|---|
| 0 | 0 | 0 1 0 | 1 | 1 | 1 | 1 | 1 | 1 | 0 |
| - | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| 5 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 |

(b) Truth table

Figure 2.34 Display of numbers.