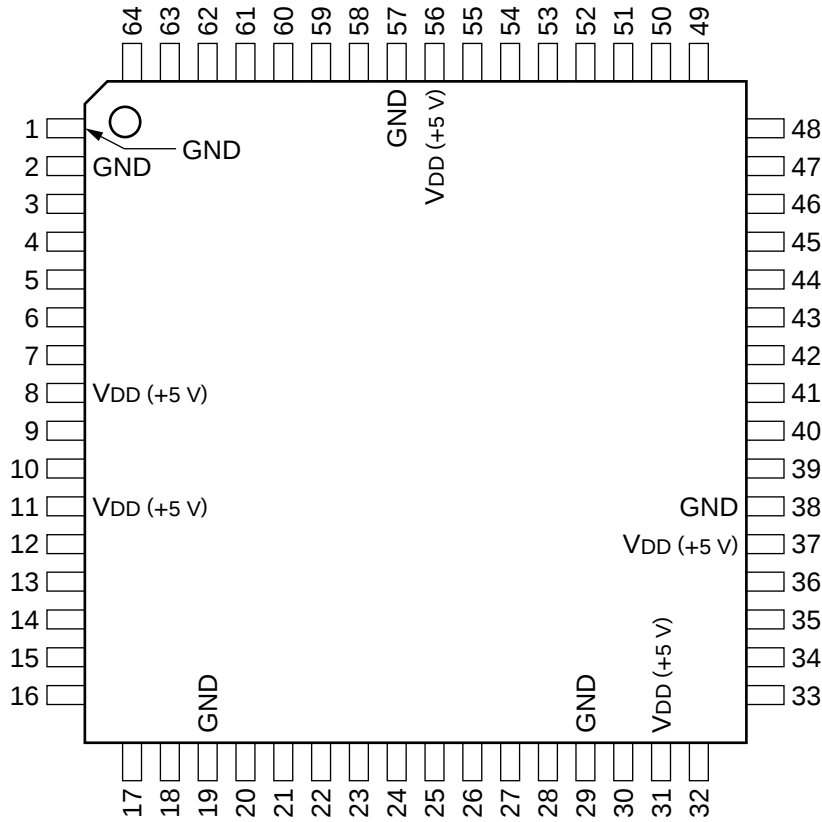


# PICTURE IN PICTURE/PICTURE OUT PICTURE CONTROLLER

—TOP VIEW—



| PIN NO. | I/O | SIGNAL | PIN NO. | I/O | SIGNAL | PIN NO. | I/O | SIGNAL | PIN NO. | I/O | SIGNAL |
|---------|-----|--------|---------|-----|--------|---------|-----|--------|---------|-----|--------|
| 1       | —   | GND    | 17      | O   | RY     | 33      | O   | YS     | 49      | O   | RAS    |
| 2       | —   | GND    | 18      | O   | BY     | 34      | I   | HP     | 50      | O   | WE     |
| 3       | —   | VRB    | 19      | —   | GND    | 35      | O   | PPC    | 51      | O   | DT     |
| 4       | I   | TEST0  | 20      | I   | RST    | 36      | I   | PVC    | 52      | O   | SC     |
| 5       | I   | Y      | 21      | I   | SCL    | 37      | —   | VDD    | 53      | I   | LEV1   |
| 6       | I   | RY     | 22      | O   | SDA    | 38      | —   | GND    | 54      | I   | LEV0   |
| 7       | I   | BY     | 23      | I   | VPD    | 39      | O   | A0     | 55      | I   | DI3    |
| 8       | —   | VDD    | 24      | I   | VCD    | 40      | O   | A1     | 56      | —   | VDD    |
| 9       | —   | VRT    | 25      | I   | CKCNT  | 41      | O   | A2     | 57      | —   | GND    |
| 10      | I   | TEST1  | 26      | I   | CVC    | 42      | O   | A3     | 58      | I   | DI2    |
| 11      | —   | VDD    | 27      | O   | CPC    | 43      | O   | A4     | 59      | I   | DI1    |
| 12      | I   | IREF   | 28      | I   | HC     | 44      | O   | A5     | 60      | I   | DI0    |
| 13      | I   | VREF   | 29      | —   | GND    | 45      | O   | A6     | 61      | O   | DO3    |
| 14      | O   | Y      | 30      | I   | IREFVC | 46      | O   | A7     | 62      | O   | DO2    |
| 15      | I   | COMP   | 31      | —   | VDD    | 47      | O   | A8     | 63      | O   | DO1    |
| 16      | I   | VIB    | 32      | O   | CLAMP  | 48      | O   | CAS    | 64      | O   | DO0    |

