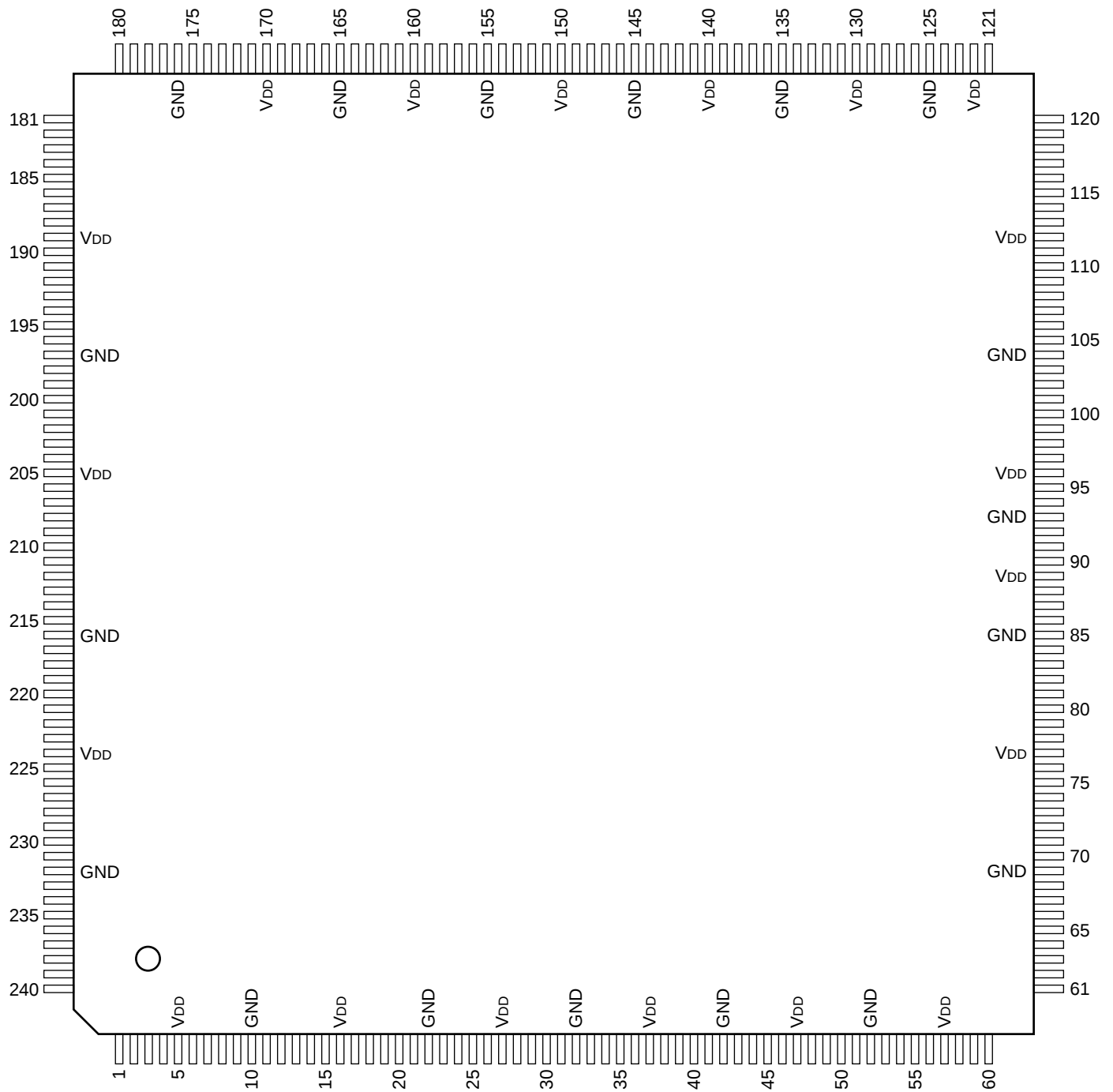


## C-MOS EMBEDDED PROGRAMMABLE LOGIC DEVICE

—TOP VIEW—



| PIN NO. | I/O | SIGNAL          | PIN NO. | I/O | SIGNAL          | PIN NO. | I/O | SIGNAL          | PIN NO. | I/O | SIGNAL          |
|---------|-----|-----------------|---------|-----|-----------------|---------|-----|-----------------|---------|-----|-----------------|
| 1       | I   | TCK             | 61      | I/O | I/O             | 121     | I   | CONFIG          | 181     | I/O | DATA1, I/O      |
| 2       | I/O | CONF DONE       | 62      | I/O | I/O             | 122     | —   | V <sub>DD</sub> | 182     | I/O | DATA2, I/O      |
| 3       | I   | CEO             | 63      | I/O | I/O             | 123     | I   | MSEL1           | 183     | I/O | DATA3, I/O      |
| 4       | O   | TDO             | 64      | I/O | I/O             | 124     | I   | MSEL0           | 184     | I/O | I/O             |
| 5       | —   | V <sub>DD</sub> | 65      | I/O | I/O             | 125     | —   | GND             | 185     | I/O | DATA4, I/O      |
| 6       | I/O | I/O             | 66      | I/O | I/O             | 126     | I/O | I/O             | 186     | I/O | DATA5, I/O      |
| 7       | I/O | I/O             | 67      | I/O | I/O             | 127     | I/O | I/O             | 187     | I/O | I/O             |
| 8       | I/O | I/O             | 68      | I/O | I/O             | 128     | I/O | I/O             | 188     | I/O | DATA6, I/O      |
| 9       | I/O | I/O             | 69      | —   | GND             | 129     | I/O | I/O             | 189     | —   | V <sub>DD</sub> |
| 10      | —   | GND             | 70      | I/O | I/O             | 130     | —   | V <sub>DD</sub> | 190     | I/O | DATA7, I/O      |
| 11      | I/O | CLKUSR, I/O     | 71      | I/O | I/O             | 131     | I/O | I/O             | 191     | I/O | I/O             |
| 12      | I/O | I/O             | 72      | I/O | I/O             | 132     | I/O | I/O             | 192     | I/O | I/O             |
| 13      | I/O | I/O             | 73      | I/O | I/O             | 133     | I/O | I/O             | 193     | I/O | I/O             |
| 14      | I/O | I/O             | 74      | I/O | I/O             | 134     | I/O | I/O             | 194     | I/O | I/O             |
| 15      | I/O | I/O             | 75      | I/O | I/O             | 135     | —   | GND             | 195     | I/O | I/O             |
| 16      | —   | V <sub>DD</sub> | 76      | I/O | I/O             | 136     | I/O | I/O             | 196     | I/O | I/O             |
| 17      | I/O | I/O             | 77      | —   | V <sub>DD</sub> | 137     | I/O | I/O             | 197     | —   | GND             |
| 18      | I/O | I/O             | 78      | I/O | I/O             | 138     | I/O | I/O             | 198     | I/O | I/O             |
| 19      | I/O | I/O             | 79      | I/O | I/O             | 139     | I/O | I/O             | 199     | I/O | I/O             |
| 20      | I/O | I/O             | 80      | I/O | I/O             | 140     | —   | V <sub>DD</sub> | 200     | I/O | I/O             |
| 21      | I/O | I/O             | 81      | I/O | I/O             | 141     | I/O | I/O             | 201     | I/O | I/O             |
| 22      | —   | GND             | 82      | I/O | I/O             | 142     | I/O | I/O             | 202     | I/O | I/O             |
| 23      | I/O | RDY/BSY, I/O    | 83      | I/O | I/O             | 143     | I/O | I/O             | 203     | I/O | I/O             |
| 24      | I/O | I/O             | 84      | I/O | I/O             | 144     | I/O | I/O             | 204     | I/O | I/O             |
| 25      | I/O | I/O             | 85      | —   | GND             | 145     | —   | GND             | 205     | —   | V <sub>DD</sub> |
| 26      | I/O | INIT DONE, I/O  | 86      | I/O | I/O             | 146     | I/O | I/O             | 206     | I/O | I/O             |
| 27      | —   | V <sub>DD</sub> | 87      | I/O | I/O             | 147     | I/O | I/O             | 207     | I/O | I/O             |
| 28      | I/O | I/O             | 88      | I/O | I/O             | 148     | I/O | I/O             | 208     | I/O | I/O             |
| 29      | I/O | I/O             | 89      | —   | V <sub>DD</sub> | 149     | I/O | I/O             | 209     | I/O | DEV CLR, I/O    |
| 30      | I/O | I/O             | 90      | I/O | IN, I/O         | 150     | —   | V <sub>DD</sub> | 210     | I/O | IN, I/O         |
| 31      | I/O | I/O             | 91      | I/O | CLK, I/O        | 151     | I/O | I/O             | 211     | I/O | CLK, I/O        |
| 32      | —   | GND             | 92      | I/O | IN, I/O         | 152     | I/O | I/O             | 212     | I/O | IN, I/O         |
| 33      | I/O | I/O             | 93      | —   | GND             | 153     | I/O | I/O             | 213     | I/O | DEV OE, I/O     |
| 34      | I/O | I/O             | 94      | I/O | I/O             | 154     | I/O | I/O             | 214     | I/O | I/O             |
| 35      | I/O | I/O             | 95      | I/O | I/O             | 155     | —   | GND             | 215     | I/O | I/O             |
| 36      | I/O | I/O             | 96      | —   | V <sub>DD</sub> | 156     | I/O | I/O             | 216     | —   | GND             |
| 37      | —   | V <sub>DD</sub> | 97      | I/O | I/O             | 157     | I/O | I/O             | 217     | I/O | I/O             |
| 38      | I/O | I/O             | 98      | I/O | I/O             | 158     | I/O | I/O             | 218     | I/O | I/O             |
| 39      | I/O | I/O             | 99      | I/O | I/O             | 159     | I/O | I/O             | 219     | I/O | I/O             |
| 40      | I/O | I/O             | 100     | I/O | I/O             | 160     | I/O | V <sub>DD</sub> | 220     | I/O | I/O             |
| 41      | I/O | I/O             | 101     | I/O | I/O             | 161     | I/O | I/O             | 221     | I/O | I/O             |
| 42      | —   | GND             | 102     | I/O | I/O             | 162     | I/O | I/O             | 222     | I/O | I/O             |
| 43      | I/O | I/O             | 103     | I/O | I/O             | 163     | I/O | I/O             | 223     | I/O | I/O             |
| 44      | I/O | I/O             | 104     | —   | GND             | 164     | I/O | I/O             | 224     | —   | V <sub>DD</sub> |
| 45      | I/O | I/O             | 105     | I/O | I/O             | 165     | —   | GND             | 225     | I/O | I/O             |
| 46      | I/O | I/O             | 106     | I/O | I/O             | 166     | I/O | I/O             | 226     | I/O | I/O             |
| 47      | —   | V <sub>DD</sub> | 107     | I/O | I/O             | 167     | I/O | I/O             | 227     | I/O | I/O             |
| 48      | I/O | I/O             | 108     | I/O | I/O             | 168     | I/O | I/O             | 228     | I/O | I/O             |
| 49      | I/O | I/O             | 109     | I/O | I/O             | 169     | I/O | I/O             | 229     | I/O | I/O             |
| 50      | I/O | I/O             | 110     | I/O | I/O             | 170     | —   | V <sub>DD</sub> | 230     | I/O | I/O             |
| 51      | I/O | I/O             | 111     | I/O | I/O             | 171     | I/O | I/O             | 231     | I/O | I/O             |
| 52      | —   | GND             | 112     | —   | V <sub>DD</sub> | 172     | I/O | I/O             | 232     | —   | GND             |
| 53      | I/O | I/O             | 113     | I/O | I/O             | 173     | I/O | I/O             | 233     | I/O | I/O             |
| 54      | I/O | I/O             | 114     | I/O | I/O             | 174     | I/O | I/O             | 234     | I/O | I/O             |
| 55      | I/O | I/O             | 115     | I/O | I/O             | 175     | I/O | I/O             | 235     | I/O | I/O             |
| 56      | I/O | I/O             | 116     | I/O | I/O             | 176     | —   | GND             | 236     | I/O | RS, I/O         |
| 57      | —   | V <sub>DD</sub> | 117     | I/O | I/O             | 177     | I   | TDI             | 237     | I/O | I/O             |
| 58      | I   | TMS             | 118     | I/O | I/O             | 178     | I   | CE              | 238     | I/O | WS, I/O         |
| 59      | O   | TRST            | 119     | I/O | I/O             | 179     | I   | DCLK            | 239     | I/O | CS, I/O         |
| 60      | O   | STATUS          | 120     | I/O | I/O             | 180     | I   | DATA0           | 240     | I/O | CS, I/O         |