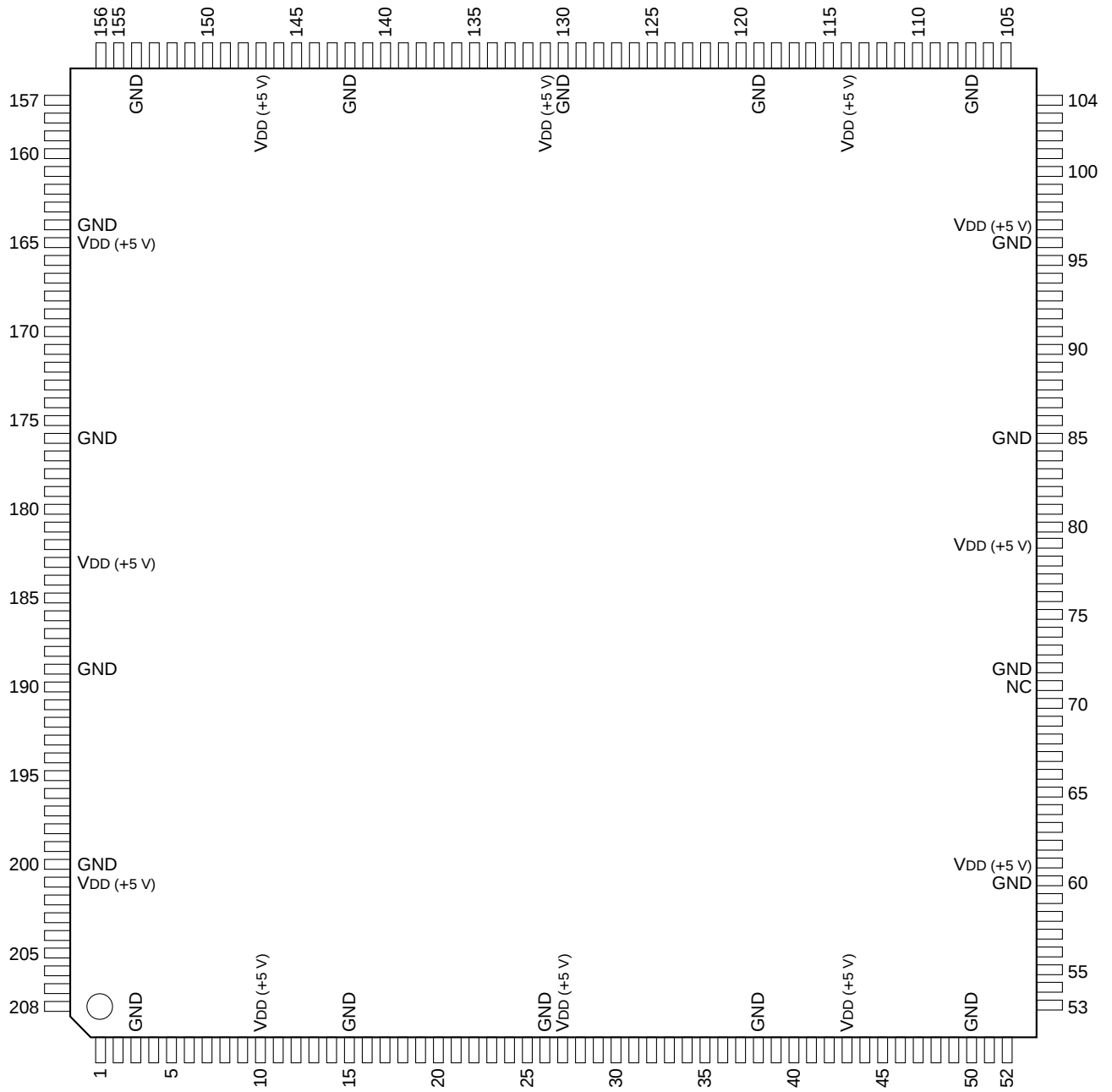


# C-MOS GATE ARRAY

—TOP VIEW—



(V<sub>DD</sub> = +5 V)

| PIN No. | I/O | SIGNAL          | PIN No. | I/O | SIGNAL          | PIN No. | I/O | SIGNAL          | PIN No. | I/O | SIGNAL          |
|---------|-----|-----------------|---------|-----|-----------------|---------|-----|-----------------|---------|-----|-----------------|
| 1       | O   | WEBU            | 53      | I/O | ID2             | 105     | I   | COMP            | 157     | O   | WEGL            |
| 2       | O   | WDENU           | 54      | I/O | ID3             | 106     | O   | DCLK            | 158     | O   | WEBL            |
| 3       | —   | GND             | 55      | I/O | ID4             | 107     | —   | GND             | 159     | O   | WDENL           |
| 4       | O   | RDENU           | 56      | I/O | ID5             | 108     | I/O | EOS             | 160     | O   | RDENL           |
| 5       | O   | VWEU            | 57      | I/O | ID6             | 109     | I/O | DSYNC           | 161     | O   | VWEL            |
| 6       | O   | VOE1U           | 58      | I/O | ID7             | 110     | O   | GL              | 162     | O   | VOE1L           |
| 7       | O   | VOE2U           | 59      | I   | RCK1            | 111     | O   | GU              | 163     | O   | VOE2L           |
| 8       | I/O | RD0U            | 60      | —   | GND             | 112     | O   | TRD             | 164     | —   | GND             |
| 9       | I/O | RD1U            | 61      | —   | V <sub>DD</sub> | 113     | O   | CFLAG           | 165     | —   | V <sub>DD</sub> |
| 10      | —   | V <sub>DD</sub> | 62      | I   | RCK2            | 114     | —   | V <sub>DD</sub> | 166     | I/O | RD0L            |
| 11      | I/O | RD2U            | 63      | I   | RHD             | 115     | O   | CCLK            | 167     | I/O | RD1L            |
| 12      | I/O | RD3U            | 64      | I   | RVD             | 116     | O   | JGY             | 168     | I/O | RD2L            |
| 13      | I/O | RD4U            | 65      | I   | RFLD            | 117     | O   | JGC             | 169     | I/O | RD3L            |
| 14      | I/O | RD5U            | 66      | I   | TEST            | 118     | O   | SOE             | 170     | I/O | RD4L            |
| 15      | —   | GND             | 67      | I   | RST             | 119     | —   | GND             | 171     | I/O | RD5L            |
| 16      | I/O | RD6U            | 68      | I   | WHD             | 120     | O   | SWEY            | 172     | I/O | RD6L            |
| 17      | I/O | RD7U            | 69      | I   | WVD             | 121     | O   | SWEC            | 173     | I/O | RD7L            |
| 18      | I/O | GD0U            | 70      | I   | WFLD            | 122     | O   | SA0             | 174     | I/O | GD0L            |
| 19      | I/O | GD1U            | 71      | —   | NC              | 123     | O   | SA1             | 175     | I/O | GD1L            |
| 20      | I/O | GD2U            | 72      | —   | GND             | 124     | O   | SA2             | 176     | —   | GND             |
| 21      | I/O | GD3U            | 73      | I   | WCK2            | 125     | O   | SA3             | 177     | I/O | GD2L            |
| 22      | I/O | GD4U            | 74      | I/O | CPUD0           | 126     | O   | SA4             | 178     | I/O | GD3L            |
| 23      | I/O | GD5U            | 75      | I/O | CPUD1           | 127     | O   | SA5             | 179     | I/O | GD4L            |
| 24      | I/O | GD6U            | 76      | I/O | CPUD2           | 128     | O   | SA6             | 180     | I/O | GD5L            |
| 25      | I/O | GD7U            | 77      | I/O | CPUD3           | 129     | O   | SA7             | 181     | I/O | GD6L            |
| 26      | —   | GND             | 78      | I/O | CPUD4           | 130     | —   | GND             | 182     | I/O | GD7L            |
| 27      | —   | V <sub>DD</sub> | 79      | —   | V <sub>DD</sub> | 131     | —   | V <sub>DD</sub> | 183     | —   | V <sub>DD</sub> |
| 28      | I/O | BD0U            | 80      | I/O | CPUD5           | 132     | O   | SA8             | 184     | I/O | BD0L            |
| 29      | I/O | BD1U            | 81      | I/O | CPUD6           | 133     | O   | SA9             | 185     | I/O | BD1L            |
| 30      | I/O | BD2U            | 82      | I/O | CPUD7           | 134     | O   | SA10            | 186     | I/O | BD2L            |
| 31      | I/O | BD3U            | 83      | I   | RD              | 135     | O   | SA11Y           | 187     | I/O | BD3L            |
| 32      | I/O | BD4U            | 84      | I   | WR              | 136     | O   | SA11C           | 188     | I/O | BD4L            |
| 33      | I/O | BD5U            | 85      | —   | GND             | 137     | O   | SA12            | 189     | —   | GND             |
| 34      | I/O | BD6U            | 86      | I   | CS              | 138     | O   | SA13            | 190     | I/O | BD5L            |
| 35      | I/O | BD7U            | 87      | I   | WCS             | 139     | O   | SA14            | 191     | I/O | BD6L            |
| 36      | O   | WED1            | 88      | O   | DACK            | 140     | O   | SA15            | 192     | I/O | BD7L            |
| 37      | O   | RED1            | 89      | O   | INT             | 141     | O   | DA0L            | 193     | O   | DA0U            |
| 38      | —   | GND             | 90      | I   | A0              | 142     | —   | GND             | 194     | O   | DA1U            |
| 39      | I   | DR01            | 91      | I   | A1              | 143     | O   | DA1L            | 195     | O   | DA2U            |
| 40      | O   | DAK1            | 92      | I   | A2              | 144     | O   | DA2L            | 196     | O   | DA3U            |
| 41      | I   | RED2            | 93      | I   | A3              | 145     | O   | DA3L            | 197     | O   | DA4U            |
| 42      | O   | DR02            | 94      | I   | A4              | 146     | O   | DA4L            | 198     | O   | DA5U            |
| 43      | —   | V <sub>DD</sub> | 95      | I   | A5              | 147     | —   | V <sub>DD</sub> | 199     | O   | DA6U            |
| 44      | I   | DAK2            | 96      | —   | GND             | 148     | O   | DA5L            | 200     | —   | GND             |
| 45      | I/O | ID0             | 97      | —   | V <sub>DD</sub> | 149     | O   | DA6L            | 201     | —   | V <sub>DD</sub> |
| 46      | I/O | ID1             | 98      | I   | A6              | 150     | O   | DA7L            | 202     | O   | DA7U            |
| 47      | I   | TCK             | 99      | I   | A7              | 151     | O   | DA8L            | 203     | O   | DA8U            |
| 48      | I   | TDI             | 100     | I   | A8              | 152     | O   | RASL            | 204     | O   | RASU            |
| 49      | I   | TENA1           | 101     | I   | A9              | 153     | O   | CASL            | 205     | O   | CASU            |
| 50      | —   | GND             | 102     | I   | A10             | 154     | —   | GND             | 206     | O   | OEU             |
| 51      | O   | TDO             | 103     | I   | A11             | 155     | O   | OEL             | 207     | O   | WERU            |
| 52      | I   | VST             | 104     | I/O | STOP            | 156     | O   | WERL            | 208     | O   | WEGU            |