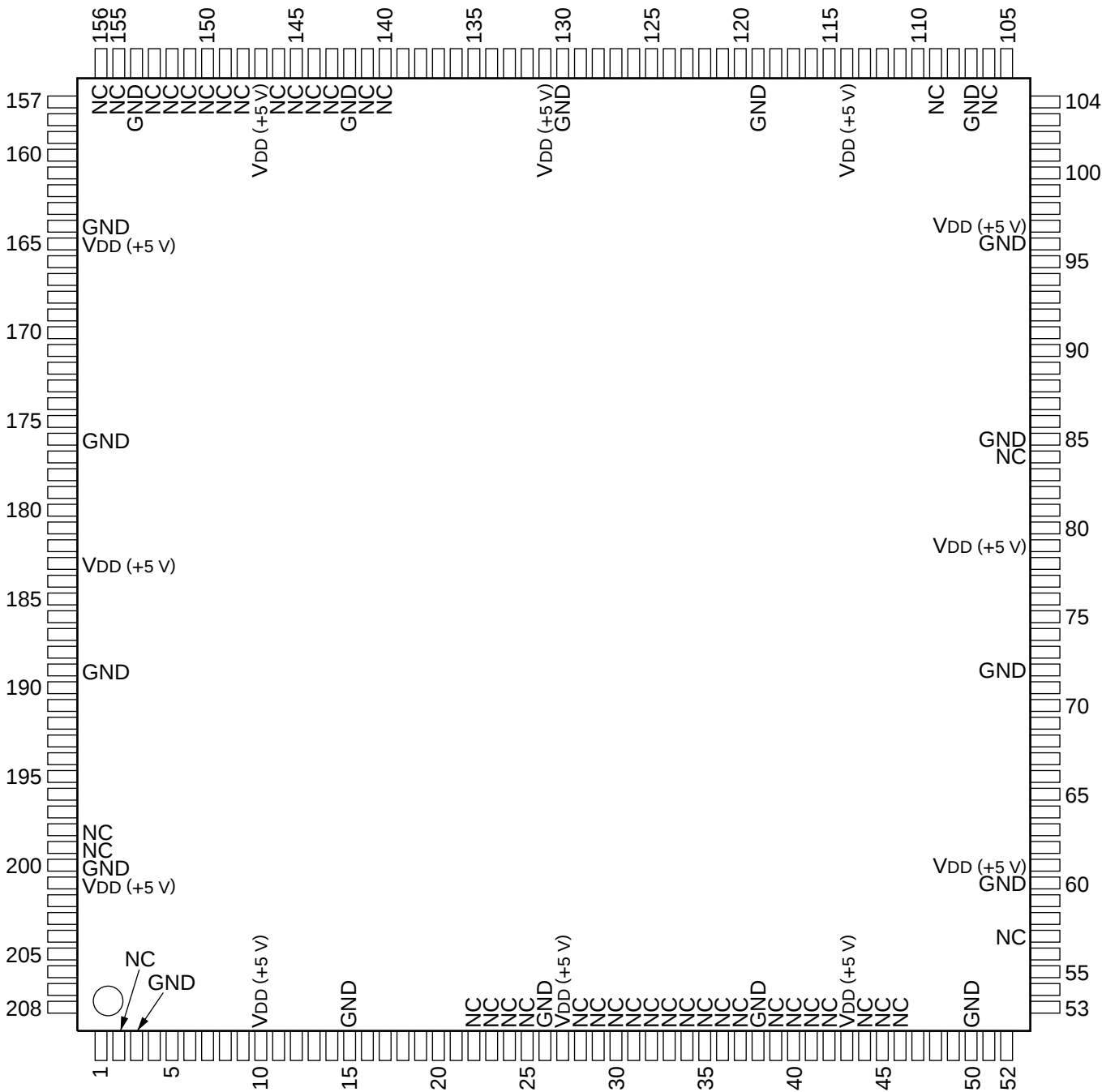


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C-MOS GATE ARRAY  
—TOP VIEW—



(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          | PIN No. | I/O | SIGNAL          |
|---------|-----|-----------------|---------|-----|-----------------|---------|-----|-----------------|---------|-----|-----------------|---------|-----|-----------------|
| 1       | I   | IRCI7           | 43      | —   | V <sub>DD</sub> | 85      | —   | GND             | 127     | I/O | GI2             | 169     | O   | OGCO0           |
| 2       | —   | NC              | 44      | —   | NC              | 86      | I   | IADRS0          | 128     | I/O | GI1             | 170     | O   | OGCO1           |
| 3       | —   | GND             | 45      | —   | NC              | 87      | I   | IADRS1          | 129     | I/O | GI0             | 171     | O   | OGCO2           |
| 4       | I   | IGCI0           | 46      | —   | NC              | 88      | I   | IADRS2          | 130     | —   | GND             | 172     | O   | OGCO3           |
| 5       | I   | IGCI1           | 47      | I   | TCK             | 89      | I   | IADRS3          | 131     | —   | V <sub>DD</sub> | 173     | O   | OGCO4           |
| 6       | I   | IGCI2           | 48      | I   | TDI             | 90      | I   | IADRS4          | 132     | I/O | BI7             | 174     | O   | OGCO5           |
| 7       | I   | IGCI3           | 49      | I   | TENA1           | 91      | I   | ICEX            | 133     | I/O | BI6             | 175     | O   | OGCO6           |
| 8       | I   | IGCI4           | 50      | —   | GND             | 92      | I   | IREADX          | 134     | I/O | BI5             | 176     | —   | GND             |
| 9       | I   | IGCI5           | 51      | O   | TDO             | 93      | I   | IWRITEX         | 135     | I/O | BI4             | 177     | O   | OGCO7           |
| 10      | —   | V <sub>DD</sub> | 52      | I   | VST             | 94      | O   | OINTX           | 136     | I/O | BI3             | 178     | O   | OGCO8           |
| 11      | I   | IGCI6           | 53      | I/O | BO0             | 95      | I   | IRESETX         | 137     | I/O | BI2             | 179     | O   | OGCO9           |
| 12      | I   | IGCI7           | 54      | I/O | BO1             | 96      | —   | GND             | 138     | I/O | BI1             | 180     | O   | OBCO0           |
| 13      | I   | IBCI0           | 55      | I/O | BO2             | 97      | —   | V <sub>DD</sub> | 139     | I/O | BI0             | 181     | O   | OBCO1           |
| 14      | I   | IBCI1           | 56      | I/O | BO3             | 98      | I/O | DB0             | 140     | —   | NC              | 182     | O   | OBCO2           |
| 15      | —   | GND             | 57      | —   | NC              | 99      | I/O | DB1             | 141     | —   | NC              | 183     | —   | V <sub>DD</sub> |
| 16      | I   | IBCI2           | 58      | I/O | BO4             | 100     | I/O | DB2             | 142     | —   | GND             | 184     | O   | OBCO3           |
| 17      | I   | IBCI3           | 59      | I/O | BO5             | 101     | I/O | DB3             | 143     | —   | NC              | 185     | O   | OBCO4           |
| 18      | I   | IBCI4           | 60      | —   | GND             | 102     | I/O | DB4             | 144     | —   | NC              | 186     | O   | OBCO5           |
| 19      | I   | IBCI5           | 61      | —   | V <sub>DD</sub> | 103     | I/O | DB5             | 145     | —   | NC              | 187     | O   | OBCO6           |
| 20      | I   | IBCI6           | 62      | I/O | BO6             | 104     | I/O | DB6             | 146     | —   | NC              | 188     | O   | OBCO7           |
| 21      | I   | IBCI7           | 63      | I/O | BO7             | 105     | I/O | DB7             | 147     | —   | V <sub>DD</sub> | 189     | —   | GND             |
| 22      | —   | NC              | 64      | I/O | GO0             | 106     | —   | NC              | 148     | —   | NC              | 190     | O   | OBCO8           |
| 23      | —   | NC              | 65      | I/O | GO1             | 107     | —   | GND             | 149     | —   | NC              | 191     | O   | OBCO9           |
| 24      | —   | NC              | 66      | I/O | GO2             | 108     | I   | ICLK            | 150     | —   | NC              | 192     | O   | OEXEHKN         |
| 25      | —   | NC              | 67      | I/O | GO3             | 109     | —   | NC              | 151     | —   | NC              | 193     | O   | OP4             |
| 26      | —   | GND             | 68      | I/O | GO4             | 110     | I/O | I1REQX          | 152     | —   | NC              | 194     | O   | OMTX0           |
| 27      | —   | V <sub>DD</sub> | 69      | I/O | GO5             | 111     | I/O | I1ACKX          | 153     | —   | NC              | 195     | O   | OMTX1           |
| 28      | —   | NC              | 70      | I/O | GO6             | 112     | I/O | RI7             | 154     | —   | GND             | 196     | O   | OUV             |
| 29      | —   | NC              | 71      | I/O | GO7             | 113     | I/O | RI6             | 155     | —   | NC              | 197     | O   | OCLK            |
| 30      | —   | NC              | 72      | —   | GND             | 114     | —   | V <sub>DD</sub> | 156     | —   | NC              | 198     | —   | NC              |
| 31      | —   | NC              | 73      | I/O | RO0             | 115     | I/O | RI5             | 157     | O   | ORCO0           | 199     | —   | NC              |
| 32      | —   | NC              | 74      | I/O | RO1             | 116     | I/O | RI4             | 158     | O   | ORCO1           | 200     | —   | GND             |
| 33      | —   | NC              | 75      | I/O | RO2             | 117     | I/O | RI3             | 159     | O   | ORCO2           | 201     | —   | V <sub>DD</sub> |
| 34      | —   | NC              | 76      | I/O | RO3             | 118     | I/O | RI2             | 160     | O   | ORCO3           | 202     | I   | IRCI0           |
| 35      | —   | NC              | 77      | I/O | RO4             | 119     | —   | GND             | 161     | O   | ORCO4           | 203     | I   | IRCI1           |
| 36      | —   | NC              | 78      | I/O | RO5             | 120     | I/O | RI1             | 162     | O   | ORCO5           | 204     | I   | IRCI2           |
| 37      | —   | NC              | 79      | —   | V <sub>DD</sub> | 121     | I/O | RI0             | 163     | O   | ORCO6           | 205     | I   | IRCI3           |
| 38      | —   | GND             | 80      | I/O | RO6             | 122     | I/O | GI7             | 164     | —   | GND             | 206     | I   | IRCI4           |
| 39      | —   | NC              | 81      | I/O | RO7             | 123     | I/O | GI6             | 165     | —   | V <sub>DD</sub> | 207     | I   | IRCI5           |
| 40      | —   | NC              | 82      | I/O | OIREQX          | 124     | I/O | GI5             | 166     | O   | ORCO7           | 208     | I   | IRCI6           |
| 41      | —   | NC              | 83      | I/O | OIACKX          | 125     | I/O | GI4             | 167     | O   | ORCO8           |         |     |                 |
| 42      | —   | NC              | 84      | —   | NC              | 126     | I/O | GI3             | 168     | O   | ORCO9           |         |     |                 |