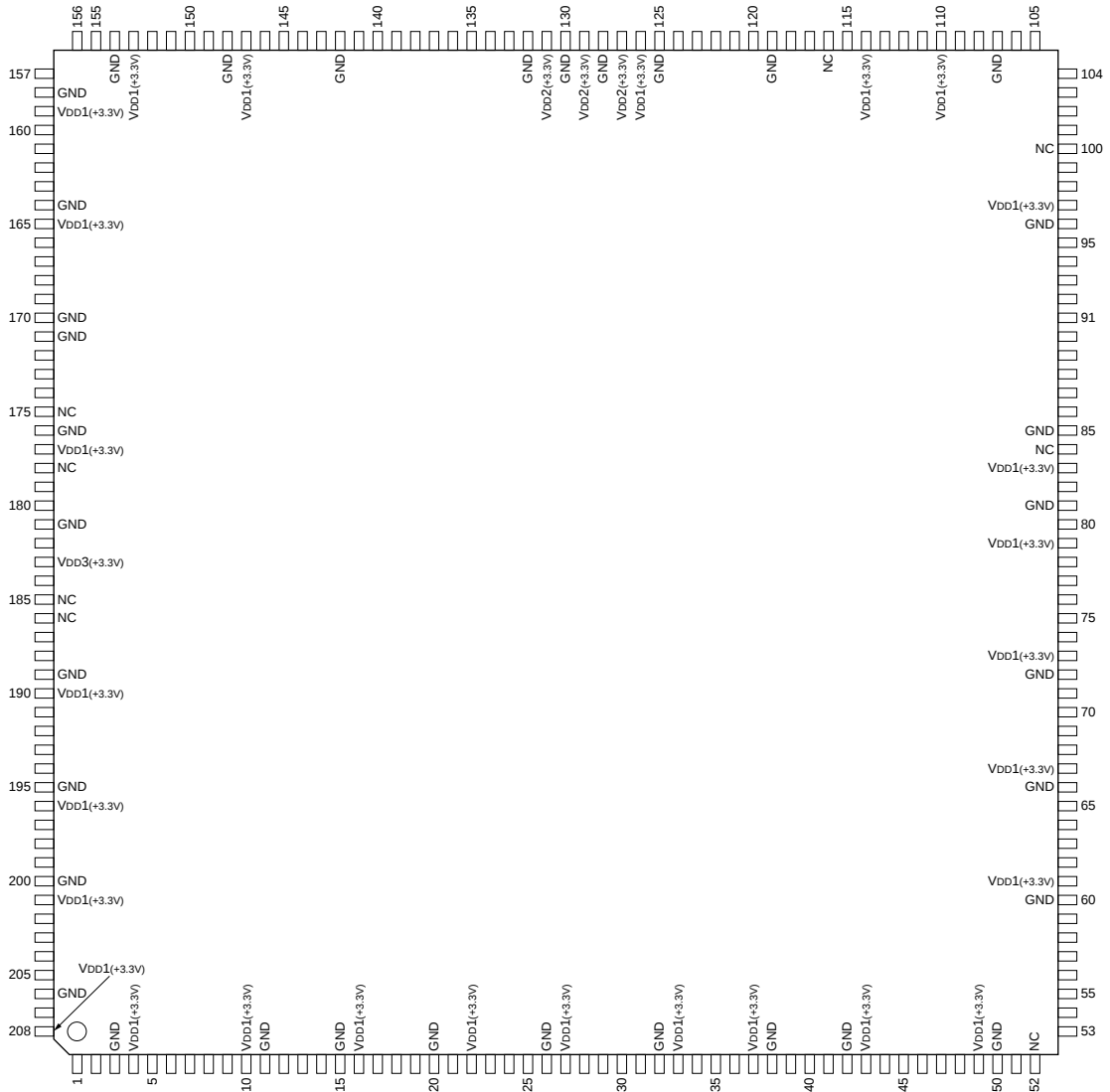


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C-MOS BIT RATE REDUCTION DECODER  
-TOP VIEW-



| PIN NO. | I/O | SIGNAL           | PIN NO. | I/O | SIGNAL           | PIN NO. | I/O | SIGNAL           | PIN NO. | I/O | SIGNAL           |
|---------|-----|------------------|---------|-----|------------------|---------|-----|------------------|---------|-----|------------------|
| 1       | I/O | BSDIOD 6         | 53      | I/O | BSYSIOD 0        | 105     | I   | ISTRM 12         | 157     | O   | OPOST SY         |
| 2       | I/O | BSDIOD 7         | 54      | I/O | BSYSIOD 1        | 106     | I   | ISTRM 13         | 158     | —   | GND              |
| 3       | —   | GND              | 55      | I/O | BSYSIOD 2        | 107     | —   | GND              | 159     | —   | V <sub>DD1</sub> |
| 4       | —   | V <sub>DD1</sub> | 56      | I/O | BSYSIOD 3        | 108     | I   | ISTRM 14         | 160     | O   | OSDADR 0         |
| 5       | I/O | BSDIOD 8         | 57      | I/O | BSYSIOD 4        | 109     | I   | ISTRM 15         | 161     | O   | OSDADR 1         |
| 6       | I/O | BSDIOD 9         | 58      | I/O | BSYSIOD 5        | 110     | —   | V <sub>DD1</sub> | 162     | O   | OSDADR 2         |
| 7       | I/O | BSDIOD 10        | 59      | I/O | BSYSIOD 6        | 111     | O   | OPLOCK           | 163     | O   | OSDADR 3         |
| 8       | I/O | BSDIOD 11        | 60      | —   | GND              | 112     | I   | ISTRM PR         | 164     | —   | GND              |
| 9       | I/O | BSDIOD 12        | 61      | —   | V <sub>DD1</sub> | 113     | I   | ISTRM EF         | 165     | —   | V <sub>DD1</sub> |
| 10      | —   | V <sub>DD1</sub> | 62      | I/O | BSYSIOD 7        | 114     | —   | V <sub>DD1</sub> | 166     | O   | OSDADR 4         |
| 11      | —   | GND              | 63      | O   | OVIDEO 0         | 115     | I   | IWFRSL           | 167     | O   | OSDADR 5         |
| 12      | I/O | BSDIOD 13        | 64      | O   | OVIDEO 1         | 116     | —   | NC               | 168     | O   | OSDADR 6         |
| 13      | I/O | BSDIOD 14        | 65      | O   | OVIDEO 2         | 117     | I   | IMEPEN           | 169     | O   | OSDADR 7         |
| 14      | I/O | BSDIOD 15        | 66      | —   | GND              | 118     | O   | OMEPEN           | 170     | —   | GND              |
| 15      | —   | GND              | 67      | —   | V <sub>DD1</sub> | 119     | —   | GND              | 171     | —   | GND              |
| 16      | —   | V <sub>DD1</sub> | 68      | O   | OVIDEO 3         | 120     | I   | ICKSEL           | 172     | O   | OSDADR 8         |
| 17      | I/O | BSDIOD 16        | 69      | O   | OVIDEO 4         | 121     | I   | ICKT270          | 173     | O   | OSDADR 9         |
| 18      | I/O | BSDIOD 17        | 70      | O   | OVIDEO 5         | 122     | I   | ICKT540          | 174     | O   | OSDADR 10        |
| 19      | I/O | BSDIOD 18        | 71      | O   | OVIDEO 6         | 123     | I   | ICKT810          | 175     | —   | NC               |
| 20      | —   | GND              | 72      | —   | GND              | 124     | I   | ICKM270          | 176     | —   | GND              |
| 21      | I   | ISDREF 0         | 73      | —   | V <sub>DD1</sub> | 125     | —   | GND              | 177     | —   | V <sub>DD1</sub> |
| 22      | —   | V <sub>DD1</sub> | 74      | O   | OVIDEO 7         | 126     | —   | V <sub>DD1</sub> | 178     | —   | NC               |
| 23      | I/O | BSDIOD 19        | 75      | I   | IFRAME           | 127     | —   | V <sub>DD2</sub> | 179     | I   | ISDRW            |
| 24      | I/O | BSDIOD 20        | 76      | I   | ITFRM            | 128     | —   | GND              | 180     | O   | OSDRW            |
| 25      | I/O | BSDIOD 21        | 77      | O   | OHD              | 129     | —   | V <sub>DD2</sub> | 181     | —   | GND              |
| 26      | —   | GND              | 78      | O   | OVD              | 130     | —   | GND              | 182     | O   | OCKSD            |
| 27      | —   | V <sub>DD1</sub> | 79      | —   | V <sub>DD1</sub> | 131     | —   | V <sub>DD2</sub> | 183     | —   | V <sub>DD3</sub> |
| 28      | I/O | BSDIOD 22        | 80      | I   | ISDREF 1         | 132     | —   | GND              | 184     | I   | VPD5             |
| 29      | I/O | BSDIOD 23        | 81      | —   | GND              | 133     | I   | IPOST PR         | 185     | —   | NC               |
| 30      | I/O | BSDIOD 24        | 82      | I/O | ICKSD            | 134     | I   | IPOST 7          | 186     | —   | NC               |
| 31      | I/O | BSDIOD 25        | 83      | —   | V <sub>DD1</sub> | 135     | I   | IPOST 6          | 187     | O   | OSDRAS           |
| 32      | —   | GND              | 84      | —   | NC               | 136     | I   | IPOST 5          | 188     | O   | OSDCAS           |
| 33      | —   | V <sub>DD1</sub> | 85      | —   | GND              | 137     | I   | IPOST 4          | 189     | —   | GND              |
| 34      | I/O | BSDIOD 26        | 86      | O   | OCF INF          | 138     | I   | IPOST 3          | 190     | —   | V <sub>DD1</sub> |
| 35      | I/O | BSDIOD 27        | 87      | O   | OV PR            | 139     | I   | IPOST 2          | 191     | O   | OSDCS0           |
| 36      | I/O | BSDIOD 28        | 88      | I   | ISTRM SY         | 140     | I   | IPOST 1          | 192     | O   | OSDCKE           |
| 37      | —   | V <sub>DD1</sub> | 89      | I   | ISTRM 0          | 141     | I   | IPOST 0          | 193     | O   | OSDBNK           |
| 38      | —   | GND              | 90      | I   | ISTRM 1          | 142     | —   | GND              | 194     | O   | OSDDQM           |
| 39      | I/O | BSDIOD 29        | 91      | I   | ISTRM 2          | 143     | I   | IPOST SY         | 195     | —   | GND              |
| 40      | I/O | BSDIOD 30        | 92      | I   | ISTRM 3          | 144     | O   | OPOST PR         | 196     | —   | V <sub>DD1</sub> |
| 41      | I/O | BSDIOD 31        | 93      | I   | ISTRM 4          | 145     | O   | OPOST 7          | 197     | O   | OSDWE            |
| 42      | —   | GND              | 94      | I   | ISTRM 5          | 146     | O   | OPOST 6          | 198     | I/O | BSDIOD 0         |
| 43      | —   | V <sub>DD1</sub> | 95      | I   | ISTRM 6          | 147     | —   | V <sub>DD1</sub> | 199     | I/O | BSDIOD 1         |
| 44      | I   | ISYSSTAT 0       | 96      | —   | GND              | 148     | —   | GND              | 200     | —   | GND              |
| 45      | I   | ISYSSTAT 1       | 97      | —   | V <sub>DD1</sub> | 149     | O   | OPOST 5          | 201     | —   | V <sub>DD1</sub> |
| 46      | I   | ISYSCS           | 98      | I   | ISTRM 7          | 150     | O   | OPOST 4          | 202     | I/O | BSDIOD 2         |
| 47      | I   | ISYSSTRB         | 99      | I   | ICLR             | 151     | O   | OPOST 3          | 203     | I/O | BSDIOD 3         |
| 48      | I   | ISYSRW           | 100     | —   | NC               | 152     | O   | OPOST 2          | 204     | I/O | BSDIOD 4         |
| 49      | —   | V <sub>DD1</sub> | 101     | I   | ISTRM 8          | 153     | —   | V <sub>DD1</sub> | 205     | I/O | BSDIOD 5         |
| 50      | —   | GND              | 102     | I   | ISTRM9           | 154     | —   | GND              | 206     | —   | GND              |
| 51      | O   | OSYSRW           | 103     | I   | ISTRM 10         | 155     | O   | OPOST 1          | 207     | I   | ISDREF 2         |
| 52      | —   | NC               | 104     | I   | ISTRM 11         | 156     | O   | OPOST 0          | 208     | —   | V <sub>DD1</sub> |