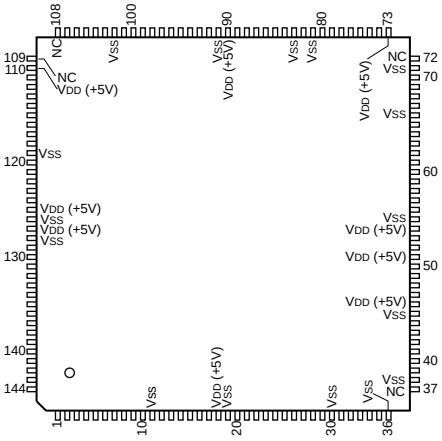


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C-MOS 16 BIT DIGITAL SIGNAL PROCESSOR  
-TOP VIEW-



| PIN NO. | I/O | SIGNAL | PIN NO. | I/O | SIGNAL | PIN NO. | I/O | SIGNAL | PIN NO. | I/O | SIGNAL |
|---------|-----|--------|---------|-----|--------|---------|-----|--------|---------|-----|--------|
| 1       | -   | VRM    | 37      | -   | NC     | 73      | -   | VDD    | 109     | -   | NC     |
| 2       | -   | VRH    | 38      | -   | VSS    | 74      | I/O | P17    | 110     | -   | VDD    |
| 3       | I   | AI0    | 39      | I   | MTEL   | 75      | I/O | P16    | 111     | I   | RSTX   |
| 4       | I   | AI1    | 40      | I   | CSX    | 76      | I/O | P15    | 112     | I   | ICBRK  |
| 5       | I   | AI2    | 41      | I   | HRDX   | 77      | I/O | P14    | 113     | I/O | ICD1   |
| 6       | I   | AI3    | 42      | I   | HWRX   | 78      | I/O | P13    | 114     | I/O | ICD0   |
| 7       | I   | AI4    | 43      | O   | DTR    | 79      | I/O | P12    | 115     | O   | ICS2   |
| 8       | I   | AI5    | 44      | O   | DREQ   | 80      | I/O | P11    | 116     | O   | ICS1   |
| 9       | I   | AI6    | 45      | -   | VSS    | 81      | -   | VSS    | 117     | O   | ICS0   |
| 10      | I   | AI7    | 46      | -   | VDD    | 82      | I/O | P10    | 118     | I   | ICCLK  |
| 11      | -   | VSS    | 47      | I   | DI3    | 83      | -   | VSS    | 119     | -   | VSS    |
| 12      | I   | PWC1B  | 48      | I   | DI2    | 84      | O   | X1     | 120     | I/O | P33    |
| 13      | I   | PWC1A  | 49      | I   | DI1    | 85      | I   | X0     | 121     | I/O | P32    |
| 14      | I   | PWC0B  | 50      | I   | DI0    | 86      | I   | MOD2   | 122     | I/O | P31    |
| 15      | O   | PWC0A  | 51      | -   | VDD    | 87      | I   | MOD1   | 123     | I/O | P30    |
| 16      | I   | SDI    | 52      | I/O | P2F    | 88      | I   | MOD0   | 124     | O   | SYNC   |
| 17      | O   | SDO    | 53      | I/O | P2E    | 89      | I/O | P0F    | 125     | -   | VDD    |
| 18      | -   | VDD    | 54      | -   | VDD    | 90      | -   | VDD    | 126     | -   | VSS    |
| 19      | -   | VSS    | 55      | -   | VSS    | 91      | -   | VSS    | 127     | -   | VDD    |
| 20      | I/O | SCK    | 56      | I/O | P2D    | 92      | I/O | P0E    | 128     | -   | VSS    |
| 21      | O   | PWM2   | 57      | I/O | P2C    | 93      | I/O | P0D    | 129     | -   | VRH    |
| 22      | O   | SIG2   | 58      | I/O | P2B    | 94      | I/O | P0C    | 130     | -   | VRM    |
| 23      | O   | PWM1   | 59      | I/O | P2A    | 95      | I/O | P0B    | 131     | -   | VRL    |
| 24      | O   | SIG1   | 60      | I/O | P29    | 96      | I/O | P0A    | 132     | -   | AVD    |
| 25      | O   | PWM0   | 61      | I/O | P28    | 97      | I/O | P09    | 133     | O   | AO3    |
| 26      | O   | SIG0   | 62      | I/O | P27    | 98      | I/O | P08    | 134     | O   | AO2    |
| 27      | I/O | DB7    | 63      | I/O | P26    | 99      | I/O | P07    | 135     | O   | AO1    |
| 28      | I/O | DB6    | 64      | I/O | P25    | 100     | I/O | P06    | 136     | O   | AO0    |
| 29      | I/O | DB5    | 65      | I/O | P24    | 101     | I/O | P05    | 137     | -   | AVS    |
| 30      | -   | VSS    | 66      | -   | VSS    | 102     | -   | VSS    | 138     | -   | VRL    |
| 31      | I/O | DB4    | 67      | I/O | P23    | 103     | I/O | P04    | 139     | -   | VRM    |
| 32      | I/O | DB3    | 68      | I/O | P22    | 104     | I/O | P03    | 140     | -   | VRH    |
| 33      | I/O | DB2    | 69      | I/O | P21    | 105     | I/O | P02    | 141     | -   | AVS    |
| 34      | I/O | DB1    | 70      | I/O | P20    | 106     | I/O | P01    | 142     | -   | AVS    |
| 35      | I/O | DB0    | 71      | -   | VSS    | 107     | I/O | P00    | 143     | -   | AVD    |
| 36      | -   | VSS    | 72      | -   | NC     | 108     | -   | NC     | 144     | -   | VRL    |

