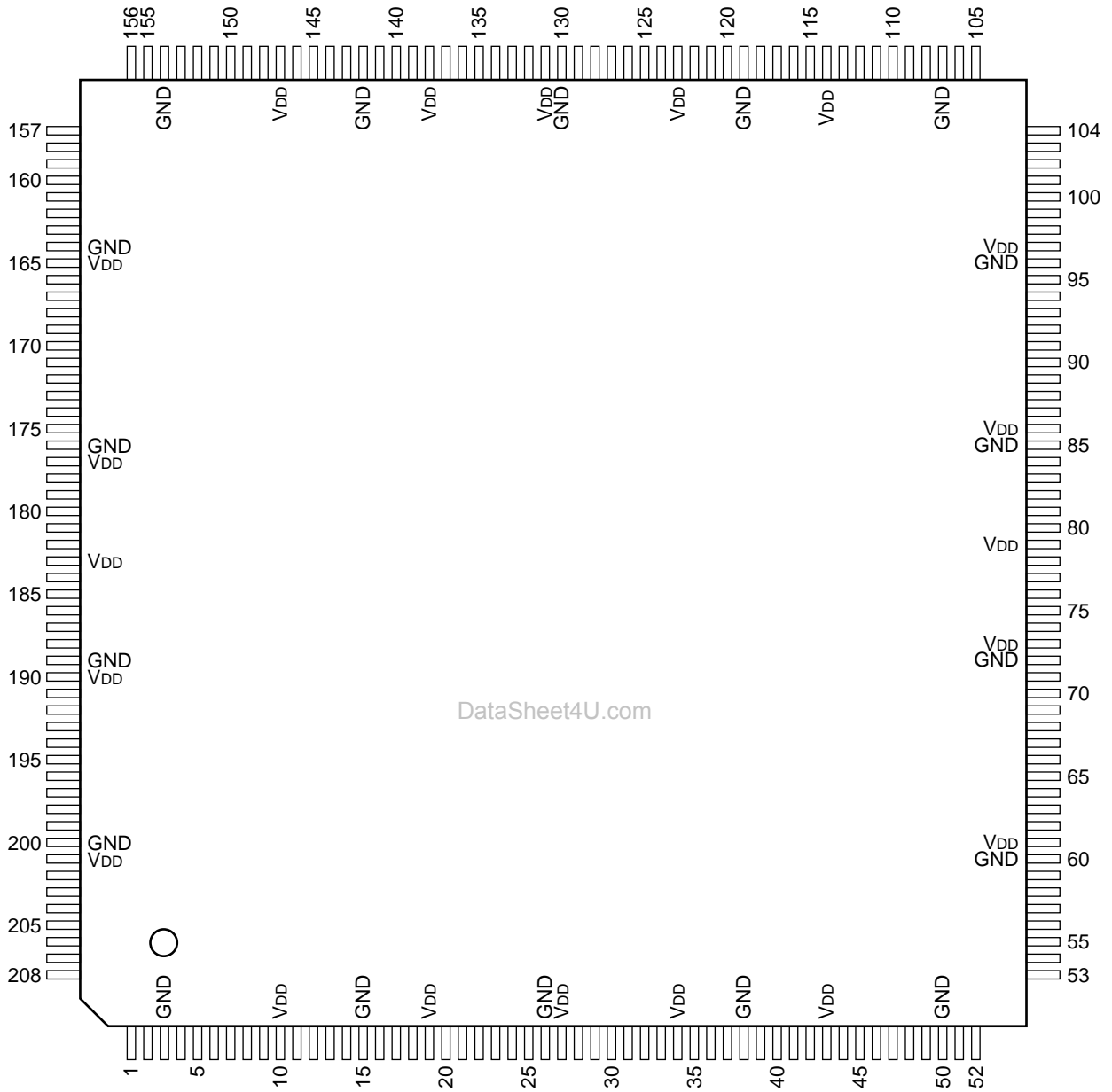


C-MOS VIDEO FILTER

—TOP VIEW—



| PIN NO. | I/O | SIGNAL | PIN NO. | I/O | SIGNAL | PIN NO. | I/O | SIGNAL | PIN NO. | I/O | SIGNAL |
|---------|-----|-------------|---------|-----|-----------|---------|-----|-------------|---------|-----|-----------|
| 1 | I | CD 1 | 53 | O | OP FRAME | 105 | I | VPD | 157 | I | ODD ID 4 |
| 2 | I | CD 0 | 54 | O | OP SYNC | 106 | I/O | SDR DATA 15 | 158 | I | ODD ID 3 |
| 3 | — | GND | 55 | O | EVEN OD 0 | 107 | — | GND | 159 | I | ODD ID 2 |
| 4 | I | DATA EN | 56 | O | EVEN OD 1 | 108 | I/O | SDR DATA 14 | 160 | I | ODD ID 1 |
| 5 | I | SDI H | 57 | O | EVEN OD 2 | 109 | I/O | SDR DATA 13 | 161 | I | ODD ID 0 |
| 6 | I | SDI F | 58 | O | EVEN OD 3 | 110 | I/O | SDR DATA 12 | 162 | I | EVEN ID 9 |
| 7 | I | REF 74F | 59 | O | EVEN OD 4 | 111 | I/O | SDR DATA 11 | 163 | I | EVEN ID 8 |
| 8 | I | REF 46F | 60 | — | GND | 112 | I/O | SDR DATA 10 | 164 | — | GND |
| 9 | I | OP ENABLE | 61 | — | VDD | 113 | I/O | SDR DATA 9 | 165 | — | VDD |
| 10 | — | VDD | 62 | O | EVEN OD 5 | 114 | — | VDD | 166 | I | EVEN ID 7 |
| 11 | I | CHIP SELECT | 63 | O | EVEN OD 6 | 115 | I/O | SDR DATA 8 | 167 | I | EVEN ID 6 |
| 12 | I | STROBE | 64 | O | EVEN OD 7 | 116 | I/O | SDR DATA 7 | 168 | I | EVEN ID 5 |
| 13 | I | STATUS 0 | 65 | O | EVEN OD 8 | 117 | I/O | SDR DATA 6 | 169 | I | EVEN ID 4 |
| 14 | I | STATUS 1 | 66 | O | EVEN OD 9 | 118 | I | VREF | 170 | I | EVEN ID 3 |
| 15 | — | GND | 67 | O | ODD OD 0 | 119 | — | GND | 171 | I | EVEN ID 2 |
| 16 | I/O | SYS BUS 0 | 68 | O | ODD OD 1 | 120 | I/O | SDR DATA 5 | 172 | I | EVEN ID 1 |
| 17 | I/O | SYS BUS 1 | 69 | O | ODD OD 2 | 121 | I/O | SDR DATA 4 | 173 | I | EVEN ID 0 |
| 18 | I/O | SYS BUS 2 | 70 | O | ODD OD 3 | 122 | I/O | SDR DATA 3 | 174 | O | VS1 |
| 19 | — | VDD | 71 | O | ODD OD 4 | 123 | — | VDD | 175 | O | VDI1 |
| 20 | I/O | SYS BUS 3 | 72 | — | GND | 124 | I/O | SDR DATA 2 | 176 | — | GND |
| 21 | I/O | SYS BUS 4 | 73 | — | VDD | 125 | I/O | SDR DATA 1 | 177 | — | VDD |
| 22 | I/O | SYS BUS 5 | 74 | O | ODD OD 5 | 126 | I/O | SDR DATA 0 | 178 | O | VS2 |
| 23 | I/O | SYS BUS 6 | 75 | O | ODD OD 6 | 127 | O | SDR DQM | 179 | O | VDI2 |
| 24 | I/O | SYS BUS 7 | 76 | O | ODD OD 7 | 128 | O | SDR WE | 180 | I | IP HSYNC |
| 25 | O | F | 77 | O | ODD OD 8 | 129 | O | SDR CK | 181 | I | RESET |
| 26 | — | GND | 78 | O | ODD OD 9 | 130 | — | GND | 182 | I | PLLS |
| 27 | — | VDD | 79 | — | VDD | 131 | — | VDD | 183 | — | VDD |
| 28 | O | H | 80 | I | XSM | 132 | O | SDR CAS | 184 | I | SMCK |
| 29 | O | CD 0 | 81 | I | XTST | 133 | O | SDR CKE | 185 | I | CK46 |
| 30 | O | CD 1 | 82 | I | DUB FRAME | 134 | O | SDR RAS | 186 | I | CK74 |
| 31 | O | CD 2 | 83 | I | DUB SYNC | 135 | O | SDR CS | 187 | I | YD 9 |
| 32 | O | CD 3 | 84 | I | MST | 136 | O | SDR ADDR 11 | 188 | I | YD 8 |
| 33 | O | CD 4 | 85 | — | GND | 137 | O | SDR ADDR 10 | 189 | — | GND |
| 34 | — | VDD | 86 | — | VDD | 138 | — | VDD | 190 | — | VDD |
| 35 | O | CD 5 | 87 | I | DUB BD 0 | 139 | O | SDR ADDR 9 | 191 | I | YD 7 |
| 36 | O | CD 6 | 88 | I | DUB BD 1 | 140 | O | SDR ADDR 8 | 192 | I | YD 6 |
| 37 | O | CD 7 | 89 | I | DUB BD 2 | 141 | O | SDR ADDR 7 | 193 | I | YD 5 |
| 38 | — | GND | 90 | I | DUB BD 3 | 142 | — | GND | 194 | I | YD 4 |
| 39 | O | CD 8 | 91 | I | DUB BD 4 | 143 | O | SDR ADDR 6 | 195 | I | YD 3 |
| 40 | O | CD 9 | 92 | I | DUB BD 5 | 144 | O | SDR ADDR 5 | 196 | I | YD 2 |
| 41 | O | YD 0 | 93 | I | DUB BD 6 | 145 | O | SDR ADDR 4 | 197 | I | YD 1 |
| 42 | O | YD 1 | 94 | I | DUB BD 7 | 146 | O | SDR ADDR 3 | 198 | I | YD 0 |
| 43 | — | VDD | 95 | I | DUB AD 0 | 147 | — | VDD | 199 | I | CD 9 |
| 44 | O | YD 2 | 96 | — | GND | 148 | O | SDR ADDR 2 | 200 | — | GND |
| 45 | O | YD 3 | 97 | — | VDD | 149 | O | SDR ADDR 1 | 201 | — | VDD |
| 46 | O | YD 4 | 98 | I | DUB AD 1 | 150 | O | SDR ADDR 0 | 202 | I | CD 8 |
| 47 | O | YD 5 | 99 | I | DUB AD 2 | 151 | I | ODD ID 9 | 203 | I | CD 7 |
| 48 | O | YD 6 | 100 | I | DUB AD 3 | 152 | I | ODD ID 8 | 204 | I | CD 6 |
| 49 | O | YD 7 | 101 | I | DUB AD 4 | 153 | I | ODD ID 7 | 205 | I | CD 5 |
| 50 | — | GND | 102 | I | DUB AD 5 | 154 | — | GND | 206 | I | CD 4 |
| 51 | O | YD 8 | 103 | I | DUB AD 6 | 155 | I | ODD ID 6 | 207 | I | CD 3 |
| 52 | O | YD 9 | 104 | I | DUB AD 7 | 156 | I | ODD ID 5 | 208 | I | CD 2 |