

204P DDR3 SODIMM CONNECTOR

SLOT1B
DDR3_204P_SMD

1/10T40B/M15 LVDS_IOT40_N 73 74 LVDS_IOT38_N 1/10T38B/L13
1/10T40A/M14 LVDS_IOT40_P 75 76 LVDS_IOT38_P 1/10T38A/K11
0/10R7A/F13 LVDS_IOT8_P 77 78 LVDS_IOT36_N 1/10T36B/K12
0/10R7A/G12 LVDS_IOT8_N 79 80 LVDS_IOT36_P 1/10T36A/K13
2/10R7A/T15 T15_IOR7A 81 82
0/10T22A/J16 LVDS_IOT22_P 83 84 LVDS_IOT18_P 0/10T18A/H13
0/10T22B/J14 LVDS_IOT22_N 85 86 LVDS_IOT18_N 0/10T18B/J12
0/10T13B/G14 G14_IOT13B 87 88
0/10T13A/G15 G15_IOT13A 89 90 LVDS_IOT14_N 0/10T14B/H12
0/10T9A/F14 F14_IOT9A 91 92 LVDS_IOT14_P 0/10T14A/G11
0/10T9B/F16 F16_IOT9B 93 94
0/10T44B/E15 LVDS_IOT44_N 95 96 B10_IOR31B_RECFCG 3/10R31B/B10
1/10T44A/D14 LVDS_IOT44_P 97 98 A13_IOR32A_READY 3/10R31A/A13
7/10L2B/A15 A15_IOL2B 99 100
7/10L2A/B14 B14_IOL2A 101 102
7/10L8B/A14 A14_IOL8B 103 104
7/10L8A/B13 B13_IOL8A 105 106
7/10L7A/C12 C12_IOL7A 107 108
7/10L7B/B12 B12_IOL7B 109 110
7/10L13B/A12 A12_IOL13B 111 112
7/10L15B/C11 C11_IOL15B 113 114
7/10L13A/B11 B11_IOL13A 115 116
7/10L15A/A11 A11_IOL15A 117 118
3/10R39A/C10 C10_IOR39A 119 120
2/10R25B/B8 JTAG_TMS 121 122
2/10R25A/C6 JTAG_TDO 123 124
2/10R26A/A7 JTAG_TCK 125 126
2/10R26B/A6 JTAG_TDI 127 128
4/10L40B/C7 C7_IOL40B_1V5 129 130
4/10L53B/D7 D7_IOL53B_1V5 131 132
4/10B48B/T2 T2_I0B48B_1V5 133 134
4/10B52B/T3 T3_I0B52B_1V5 135 136
4/10B45B/T4 T4_I0B45B_1V5 137 138
4/10B54B/T5 T5_I0B54B_1V5 139 140
3/10R51A/N6 N6_IOR51A 141 142
3/10R47B/N7 N7_IOR47B 143 144
3/10R36B/N9 N9_IOR36B 145 146
3/10R35A/R9 R9_IOR35A 147 148
3/10R40A/N8 LVDS_IOR40_P 149 150
3/10R40B/L9 LVDS_IOR40_N 151 152
0/10T44B/E15 LVDS_IOT44_P 153 154
0/10T9B/F16 F16_IOT9B 155 156
0/10T13A/G15 G15_IOT13A 157 158
0/10T22B/J14 LVDS_IOT22_N 159 160
0/10R7A/G12 LVDS_IOT8_N 161 162
1/10T40A/M14 LVDS_IOT40_P 163 164
2/10R20B/T14 LVDS_IOR20_N 165 166
2/10R11B/P13 LVDS_IOR11_N 167 168
2/10R17A/R11 LVDS_IOR17_P 169 170
2/10R17B/T12 LVDS_IOR17_N 171 172
2/10R11A/R12 LVDS_IOR11_P 173 174
2/10R11B/P13 LVDS_IOR11_N 175 176
2/10R20A/R13 LVDS_IOR20_P 177 178
2/10R20B/T14 LVDS_IOR20_N 179 180
2/10R17A/R11 LVDS_IOR17_P 181 182
2/10R17B/T12 LVDS_IOR17_N 183 184
2/10R11A/R12 LVDS_IOR11_P 185 186
2/10R11B/P13 LVDS_IOR11_N 187 188
2/10R20A/R13 LVDS_IOR20_P 189 190
2/10R20B/T14 LVDS_IOR20_N 191 192
2/10R17A/R11 LVDS_IOR17_P 193 194
2/10R17B/T12 LVDS_IOR17_N 195 196
2/10R11A/R12 LVDS_IOR11_P 197 198
2/10R11B/P13 LVDS_IOR11_N 199 200
2/10R20A/R13 LVDS_IOR20_P 201 202
2/10R20B/T14 LVDS_IOR20_N 203 204

SLOT1A
DDR3_204P_SMD

2/10R27B/M11 T13_IOR8B_FPGA_RX0 1 2
GND 3 4
+5V 5 6
GND 7 8
GND 9 10
3/10R34B/L10 M11_IOR27B_FPGA_TX0 11 12
GND 13 14
3/10R35B/T10 T10_IOR35B_FPGA_RST 15 16
GND 17 18
GND 19 20
GND 21 22
+3V3 23 24
GND 25 26
3/10R53B/T6 LVDS_IOR53_N 27 28 LVDS_RX5_N 1/10T54B/R16
3/10R53A/P6 LVDS_IOR53_P 29 30 LVDS_RX5_P 1/10T54A/P15
GND 31 32
3/10R29A/T7 LVDS_IOR29_P 33 34 LVDS_RX4_N 1/10T48B/P16
3/10R29B/R8 LVDS_IOR29_N 35 36 LVDS_RX4_P 1/10T48A/N15
GND 37 38
3/10R42B/T8 LVDS_IOR42_N 39 40 LVDS_RX3_P 1/10T52A/N16
3/10R42A/P8 LVDS_IOR42_P 41 42 LVDS_RX3_N 1/10T52B/N14
GND 43 44
3/10R38A/T9 LVDS_IOR38_P 45 46 LVDS_RX2_P 1/10T34A/L16
3/10R38B/P9 LVDS_IOR38_N 47 48 LVDS_RX2_N 1/10T34B/L14
GND 49 50
2/10R24B/P11 LVDS_IOR24_N 51 52 LVDS_RX1_P 1/10T44B/K15
2/10R24A/T11 LVDS_IOR24_P 53 54
GND 55 56
2/10R17A/R11 LVDS_IOR17_P 57 58 LVDS_TX5_N 0/10T24B/K16
2/10R17B/T12 LVDS_IOR17_N 59 60 LVDS_TX5_P 0/10T24A/J15
GND 61 62
2/10R11A/R12 LVDS_IOR11_P 63 64 LVDS_TX4_N 0/10T20B/H16
2/10R11B/P13 LVDS_IOR11_N 65 66 LVDS_TX4_P 0/10T20A/H14
2/10R20A/R13 LVDS_IOR20_P 67 68 LVDS_TX3_P 0/10T16A/G16
2/10R20B/T14 LVDS_IOR20_N 69 70 LVDS_TX3_N 0/10T16B/H15
GND 71 72

MP

U1
LN6206P152

+1V5
C1 100nF
C2 22uF
VOUT
VIN
GND
+3V3
C8 22uF
C9 100nF
GND

R1 10K
+3V3
T10_IOR35B_FPGA_RST
C3 100nF
SW1 SW_3x4mm
GND
R2 10K
+1V5
T2_I0B48B_1V5
C4 100nF
SW2 SW_3x4mm
GND

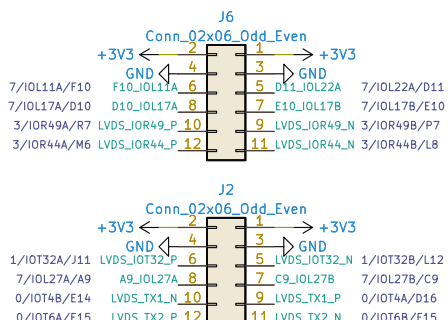
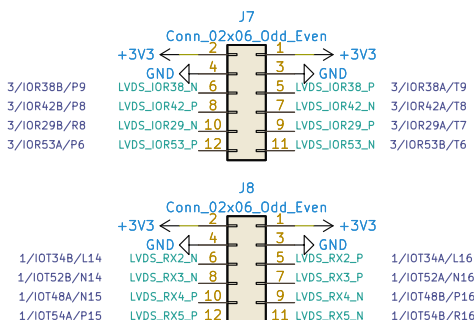
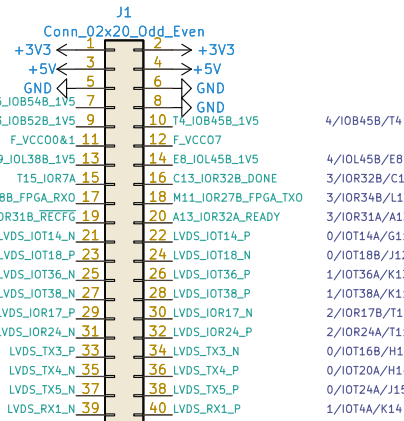
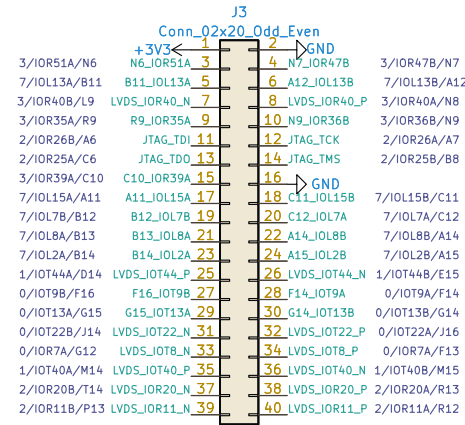
R3 10K
+1V5
D7_IOL53B_1V5
R4 10K
GND
SW6 SS-1290L-GL L=1.5mm

R5 10K
+1V5
C7_IOL40B_1V5
R102 10K
GND
SW7 SS-1290L-GL L=1.5mm

J3
Conn_02x20_Odd_Even

3/10R51A/N6 N6_IOR51A 1 2
7/10L13A/B11 B11_IOL13A 3 4
3/10R40B/L9 LVDS_IOR40_N 5 6
3/10R35A/R9 R9_IOR35A 7 8
2/10R26B/A6 JTAG_TDI 9 10
2/10R25A/C6 JTAG_TDO 11 12
3/10R39A/C10 C10_IOR39A 13 14
7/10L15A/A11 A11_IOL15A 15 16
7/10L7B/B12 B12_IOL7B 17 18
7/10L8A/B13 B13_IOL8A 19 20
7/10L2A/B14 B14_IOL2A 21 22
1/10T44A/D14 LVDS_IOT44_P 23 24
0/10T9B/F16 F16_IOT9B 25 26
0/10T13A/G15 G15_IOT13A 27 28
0/10T22B/J14 LVDS_IOT22_N 29 30
0/10R7A/G12 LVDS_IOT8_N 31 32
1/10T40A/M14 LVDS_IOT40_P 33 34
2/10R20B/T14 LVDS_IOR20_N 35 36
2/10R11B/P13 LVDS_IOR11_N 37 38
3/10R47B/N7 N7_IOR47B 39 40
7/10L13B/A12 B12_IOL13B 41 42
3/10R40A/N8 LVDS_IOR40_P 43 44
3/10R36B/N9 N9_IOR36B 45 46
2/10R26A/A7 JTAG_TCK 47 48
2/10R25B/B8 JTAG_TMS 49 50
7/10L15B/C11 C11_IOL15B 51 52
7/10L7A/C12 C12_IOL7A 53 54
7/10L8B/A14 B14_IOL8B 55 56
7/10L2B/A15 A15_IOL2B 57 58
1/10T44B/E15 LVDS_IOT44_N 59 60

Vcc Bank7 = 3.3V



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Rev:
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