**GW48CK/PK2/PK3/PK4 系统结构图信号与芯片引脚对照表**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 结构图上的信号名 | GWAC6  EP1C6/12Q240 Cyclone | GWAC3  EP1C3TC144  Cyclone | GWA2C5  EP2C5TC144  CycloneII | GWA2C8  EP2C8QC208  CycloneII | GW2C35  EP2C35FBGA484C8 CycloneII | WAK30/50  EP1K30/50TQC144 ACEX | GW3C40  EP3C40Q240C8N  Cyclone III | GWXS200  XC3S200 SPARTAN |
| 引脚号 | 引脚号 | 引脚号 | 引脚号 | 引脚号 | 引脚号 | 引脚号 | 引脚号 |
| PIO0 | 233 | 1 | 143 | 8 | AB15 | 8 | 18 | 21 |
| PIO1 | 234 | 2 | 144 | 10 | AB14 | 9 | 21 | 22 |
| PIO2 | 235 | 3 | 3 | 11 | AB13 | 10 | 22 | 24 |
| PIO3 | 236 | 4 | 4 | 12 | AB12 | 12 | 37 | 26 |
| PIO4 | 237 | 5 | 7 | 13 | AA20 | 13 | 38 | 27 |
| PIO5 | 238 | 6 | 8 | 14 | AA19 | 17 | 39 | 28 |
| PIO6 | 239 | 7 | 9 | 15 | AA18 | 18 | 41 | 29 |
| PIO7 | 240 | 10 | 24 | 30 | L19 | 19 | 43 | 31 |
| PIO8 | 1 | 11 | 25 | 31 | J14 | 20 | 44 | 33 |
| PIO9 | 2 | 32 | 26 | 33 | H15 | 21 | 45 | 34 |
| PIO10 | 3 | 33 | 27 | 34 | H14 | 22 | 46 | 15 |
| PIO11 | 4 | 34 | 28 | 35 | G16 | 23 | 49 | 16 |
| PIO12 | 6 | 35 | 30 | 37 | F15 | 26 | 50 | 35 |
| PIO13 | 7 | 36 | 31 | 39 | F14 | 27 | 51 | 36 |
| PIO14 | 8 | 37 | 32 | 40 | F13 | 28 | 52 | 37 |
| PIO15 | 12 | 38 | 40 | 41 | L18 | 29 | 55 | 39 |
| PIO16 | 13 | 39 | 41 | 43 | L17 | 30 | 56 | 40 |
| PIO17 | 14 | 40 | 42 | 44 | K22 | 31 | 57 | 42 |
| PIO18 | 15 | 41 | 43 | 45 | K21 | 32 | 63 | 43 |
| PIO19 | 16 | 42 | 44 | 46 | K18 | 33 | 68 | 44 |
| PIO20 | 17 | 47 | 45 | 47 | K17 | 36 | 69 | 45 |
| PIO21 | 18 | 48 | 47 | 48 | J22 | 37 | 70 | 46 |
| PIO22 | 19 | 49 | 48 | 56 | J21 | 38 | 73 | 48 |
| PIO23 | 20 | 50 | 51 | 57 | J20 | 39 | 76 | 50 |
| PIO24 | 21 | 51 | 52 | 58 | J19 | 41 | 78 | 51 |
| PIO25 | 41 | 52 | 53 | 59 | J18 | 42 | 80 | 52 |
| PIO26 | 128 | 67 | 67 | 92 | E11 | 65 | 112 | 113 |
| PIO27 | 132 | 68 | 69 | 94 | E9 | 67 | 113 | 114 |
| PIO28 | 133 | 69 | 70 | 95 | E8 | 68 | 114 | 115 |
| PIO29 | 134 | 70 | 71 | 96 | E7 | 69 | 117 | 116 |
| PIO30 | 135 | 71 | 72 | 97 | D11 | 70 | 118 | 117 |
| PIO31 | 136 | 72 | 73 | 99 | D9 | 72 | 126 | 119 |
| PIO32 | 137 | 73 | 74 | 101 | D8 | 73 | 127 | 120 |
| PIO33 | 138 | 74 | 75 | 102 | D7 | 78 | 128 | 122 |
| PIO34 | 139 | 75 | 76 | 103 | C9 | 79 | 131 | 123 |
| PIO35 | 140 | 76 | 79 | 104 | H7 | 80 | 132 | 123 |
| PIO36 | 141 | 77 | 80 | 105 | Y7 | 81 | 133 | 125 |
| PIO37 | 158 | 78 | 81 | 106 | Y13 | 82 | 134 | 126 |
| PIO38 | 159 | 83 | 86 | 107 | U20 | 83 | 135 | 128 |
| PIO39 | 160 | 84 | 87 | 108 | K20 | 86 | 137 | 130 |
| PIO40 | 161 | 85 | 92 | 110 | C13 | 87 | 139 | 131 |
| PIO41 | 162 | 96 | 93 | 112 | C7 | 88 | 142 | 132 |
| PIO42 | 163 | 97 | 94 | 113 | H3 | 89 | 143 | 133 |
| PIO43 | 164 | 98 | 96 | 114 | U3 | 90 | 144 | 135 |
| PIO44 | 165 | 99 | 97 | 115 | P3 | 91 | 145 | 137 |
| PIO45 | 166 | 103 | 99 | 116 | F4 | 92 | 146 | 138 |
| PIO46 | 167 | 105 | 100 | 117 | C10 | 95 | 159 | 139 |
| PIO47 | 168 | 106 | 101 | 118 | C16 | 96 | 160 | 140 |
| PIO48 | 169 | 107 | 103 | 127 | G20 | 97 | 161 | 141 |
| PIO49 | 173 | 108 | 104 | 128 | R20 | 98 | 162 | 143 |
| PIO60 | 226 | 131 | 129 | 201 | AB16 | 137 | 226 | 2 |
| PIO61 | 225 | 132 | 132 | 203 | AB17 | 138 | 230 | 3 |
| PIO62 | 224 | 133 | 133 | 205 | AB18 | 140 | 231 | 4 |
| PIO63 | 223 | 134 | 134 | 206 | AB19 | 141 | 232 | 5 |
| PIO64 | 222 | 139 | 135 | 207 | AB20 | 142 | 235 | 7 |
| PIO65 | 219 | 140 | 136 | 208 | AB7 | 143 | 236 | 9 |
| PIO66 | 218 | 141 | 137 | 3 | AB8 | 144 | 239 | 10 |
| PIO67 | 217 | 142 | 139 | 4 | AB11 | 7 | 240 | 11 |
| PIO68 | 180 | 122 | 126 | 145 | A10 | 119 | 186 | 161 |
| PIO69 | 181 | 121 | 125 | 144 | A9 | 118 | 185 | 156 |
| PIO70 | 182 | 120 | 122 | 143 | A8 | 117 | 184 | 155 |
| PIO71 | 183 | 119 | 121 | 142 | A7 | 116 | 183 | 154 |
| PIO72 | 184 | 114 | 120 | 141 | A6 | 114 | 177 | 152 |
| PIO73 | 185 | 113 | 119 | 139 | A5 | 113 | 176 | 150 |
| PIO74 | 186 | 112 | 118 | 138 | A4 | 112 | 173 | 149 |
| PIO75 | 187 | 111 | 115 | 137 | A3 | 111 | 171 | 148 |
| PIO76 | 216 | 143 | 141 | 5 | AB9 | 11 | 6 | 12 |
| PIO77 | 215 | 144 | 142 | 6 | AB10 | 14 | 9 | 13 |
| PIO78 | 188 | 110 | 114 | 135 | B5 | 110 | 169 | 147 |
| PIO79 | 195 | 109 | 113 | 134 | Y10 | 109 | 166 | 146 |
| SPEAKER | 174 | 129 | 112 | 133 | Y16 | 99 | 164 | 144 |
| CLOCK0 | 28 | 93 | 91 | 23 | L1 | 126 | 152 | 184 |
| CLOCK2 | 153 | 17 | 89 | 132 | M1 | 54 | 149 | 203 |
| CLOCK5 | 152 | 16 | 17 | 131 | M22 | 56 | 150 | 204 |
| CLOCK9 | 29 | 92 | 90 | 130 | B12 | 124 | 151 | 205 |