**第五节 友晶DE系列核心板扩展至康芯KX主系统引脚对照表**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 结构图上的信号名 | 3C10E板  EP3C10E144 Cyclone | DE0  E3C16F484C6N  CycloneIII | DE0-CV  EP5CEBA4F23C7N  CycloneV | DE1-SOC  EP5CSEMA5F31C6N  CycloneII | 3C40 | 80芯端口 |  |  |
| 引脚号 | 引脚号 | 引脚号 | 引脚号 | 引脚号 |  |  |  |
| PIO0 | 52 | U7 | T15 | AJ21 | 88 | DB31 |  |  |
| PIO1 | 55 | W6 | T18 | AG20 | 94 | DB29 |  |  |
| PIO2 | 64 | V8 | T20 | AG21 | 103 | DB27 |  |  |
| PIO3 | 66 | W10 | R17 | AF21 | 107 | DB25 |  |  |
| PIO4 | 67 | V11 | P18 | AE19 | 113 | DB23 |  |  |
| PIO5 | 75 | V12 | K17 | AD20 | 131 | DB21 |  |  |
| PIO6 | 79 | W13 | L17 | AK21 | 133 | DB19 |  |  |
| PIO7 | 84 | U14 | M18 | AJ20 | 135 | DB17 |  |  |
| PIO8 | 60 | T8 | R16 | AF19 | 106 | DB26 |  |  |
| PIO9 | 65 | Y10 | R15 | AF20 | 112 | DB24 |  |  |
| PIO10 | 70 | R10 | K19 | AE18 | 114 | DB22 |  |  |
| PIO11 | 74 | U13 | L19 | AD19 | 132 | DB20 |  |  |
| PIO12 | 77 | Y13 | L18 | AH20 | 134 | DB18 |  |  |
| PIO13 | 83 | V14 | P16 | AH19 | 137 | DB16 |  |  |
| PIO14 | 42 | V7 | K16 | AC22 | 70 | DA31 |  |  |
| PIO15 | 39 | V6 | J17 | AA20 | 73 | DA30 |  |  |
| PIO16 | 44 | U8 | G12 | AD21 | 76 | DA29 |  |  |
| PIO17 | 43 | Y7 | G13 | AE22 | 78 | DA28 |  |  |
| PIO18 | 49 | T9 | G15 | AF23 | 80 | DA27 |  |  |
| PIO19 | 46 | U9 | G16 | AF24 | 81 | DA26 |  |  |
| PIO20 | 51 | T10 | F12 | AG22 | 82 | DA25 |  |  |
| PIO21 | 50 | U10 | F13 | AH22 | 83 | DA24 |  |  |
| PIO22 | 59 | R12 | F15 | AJ22 | 84 | DA23 |  |  |
| PIO23 | 54 | R11 | F14 | AK22 | 87 | DA22 |  |  |
| PIO24 | 69 | T12 | E16 | AH23 | 98 | DA21 |  |  |
| PIO25 | 68 | U12 | E15 | AK23 | 100 | DA20 |  |  |
| PIO26 | 72 | R14 | E14 | AG23 | 99 | DA19 |  |  |
| PIO27 | 71 | T14 | C15 | AK24 | 110 | DA18 |  |  |
| PIO28 | 76 | AB7 | B15 | AJ24 | 111 | DA17 |  |  |
| PIO29 | 73 | AA7 | A14 | AJ25 | 128 | DA16 |  |  |
| PIO30 | 85 | AA9 | L8 | AH25 | 127 | DA15 |  |  |
| PIO31 | 80 | T16 | J13 | AK26 | 126 | DAT1 |  |  |
| PIO32 | 101 | AB9 | A15 | AJ26 | 118 | DA14 |  |  |
| PIO33 | 100 | R16 | H14 | AK27 | 117 | DAT0 |  |  |
| PIO34 | 113 | V15 | J11 | AK28 | 160 | DA13 |  |  |
| PIO35 | 105 | W15 | H10 | AK29 | 159 | DA12 |  |  |
| PIO36 | 120 | T15 | G11 | AJ27 | 166 | DA11 |  |  |
| PIO37 | 114 | U15 | J19 | AH27 | 164 | DA10 |  |  |
| PIO38 | 128 | W17 | J18 | AH24 | 176 | DA9 |  |  |
| PIO39 | 125 | Y17 | H18 | AG26 | 173 | DA8 |  |  |
| PIO40 | 135 | AB17 | G17 | AG25 | 195 | DA7 |  |  |
| PIO41 | 136 | AA17 | G18 | AF26 | 194 | DA6 |  |  |
| PIO42 | 137 | AA18 | D13 | AF25 | 197 | DA5 |  |  |
| PIO43 | 138 | AB18 | C13 | AE24 | 196 | DA4 |  |  |
| PIO44 | 141 | AB19 | B13 | AE23 | 201 | DA3 |  |  |
| PIO45 | 142 | AA19 | A13 | AD24 | 200 | DA2 |  |  |
| PIO46 | 143 | AB20 | B12 | AC23 | 202 | DA1 |  |  |
| PIO47 | 144 | AA20 | A12 | AA21 | 203 | DA0 |  |  |
| PIO48 | 58 | W7 | T19 | AF18 | 95 | DB28 |  |  |
| PIO49 | 53 | V5 | T17 | AG18 | 93 | DB30 |  |  |
| 8051/88 |  |  |  |  |  |  |  |  |
| MT | 88 | AB11 | H16 | AB17 | 151 | CLKA0 |  |  |
| NO | 89 | AA11 | H15 | AB21 | 152 | CLKA1 |  |  |
| PE0 | 127 | AA15 | D17 | AK16 | 186 | DB2 |  |  |
| PE2 | 124 | AA14 | K21 | AK19 | 184 | DB4 |  |  |
| CLKB0 | 90 | AB12 | N16 | AC18 | 149 | CLKB0 |  |  |
| CLKB1 | 91 | AA12 | M16 | AD17 | 150 | CLKB1 |  |  |
|  | 133 | AB16 | B16 | Y17 | 189 | DB0 |  |  |
|  | 129 | AA16 | C16 | Y18 | 188 | DB1 |  |  |
|  | 126 | AB15 | K20 | AK18 | 187 | DB3 |  |  |
|  | 121 | AB14 | K22 | AJ19 | 185 | DB5 |  |  |
|  | 119 | AB13 | M20 | AJ17 | 177 | DB6 |  |  |
|  | 115 | AA13 | M21 | AJ16 | 183 | DB7 |  |  |
|  | 111 | AB10 | N21 | AH18 | 171 | DB8 |  |  |
|  | 112 | AA10 | R22 | AH17 | 169 | DB9 |  |  |
|  | 106 | AB8 | R21 | AG16 | 162 | DB10 |  |  |
|  | 110 | AA8 | T22 | AE16 | 161 | DB11 |  |  |
|  | 103 | AB5 | N20 | AF16 | 146 | DB12 |  |  |
|  | 104 | AA5 | N19 | AG17 | 145 | DB13 |  |  |
|  | 98 | AB3 | M22 | AA18 | 144 | DBT0 |  |  |
|  | 99 | AB4 | P19 | AA19 | 143 | DB14 |  |  |
|  | 86 | AA3 | L22 | AE17 | 142 | DBT1 |  |  |
|  | 87 | AA4 | P17 | AC20 | 139 | DB15 |  |  |