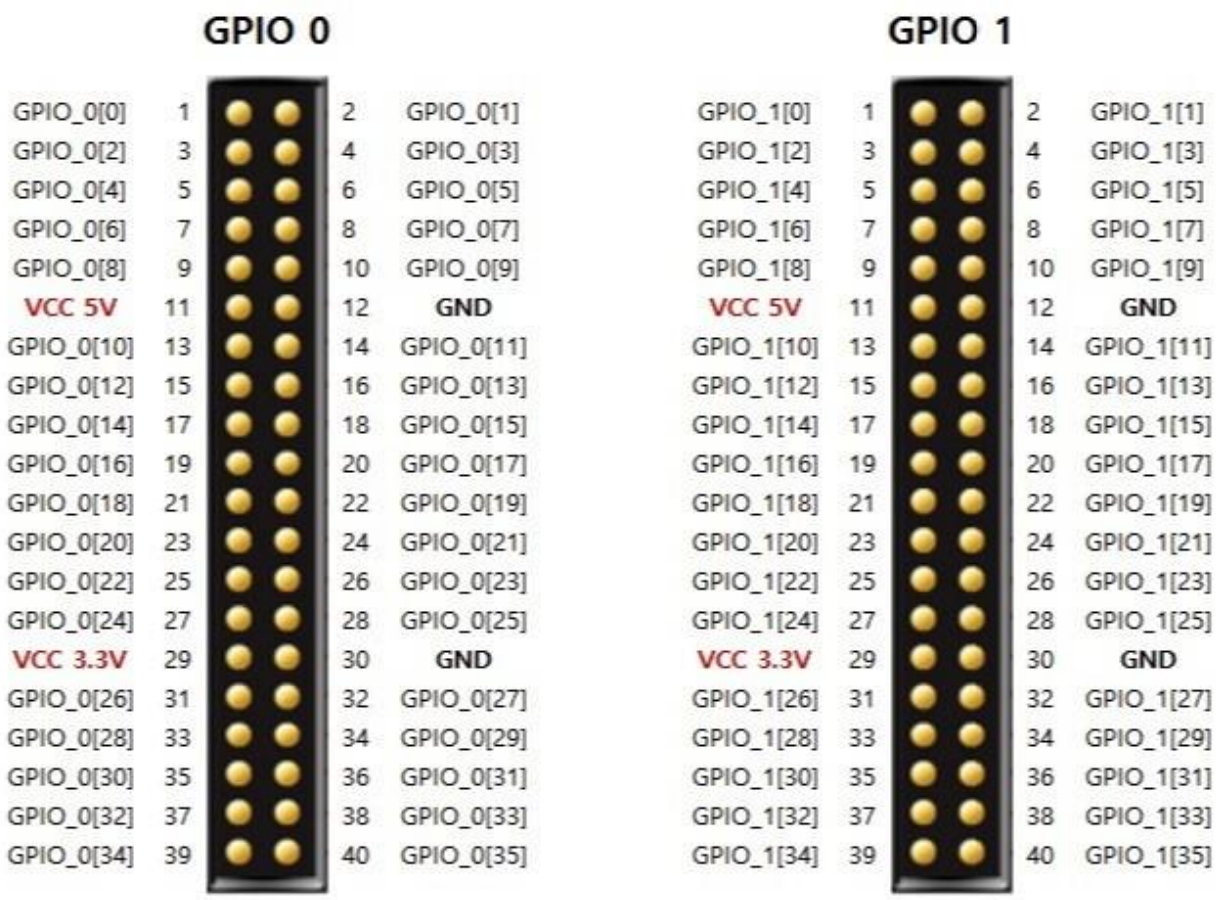
40 Pin Header assignments for DE1-SoC



Signal Name	*FPGA Pin No.*	*Description*	*I/O Standard*
GPIO_0[0]	**PIN_AC18**	**GPIO Connection 0[0]**	**3.3V**
GPIO_0 [1]	**PIN_Y17**	**GPIO Connection 0[1]**	**3.3V**
GPIO_0 [2]	**PIN_AD17**	**GPIO Connection 0[2]**	**3.3V**
GPIO_0 [3]	**PIN_Y18**	**GPIO Connection 0[3]**	**3.3V**

GPIO_0 [4]	PIN_AK16	GPIO Connection 0[4]	3.3V
GPIO_0 [5]	PIN_AK18	GPIO Connection 0[5]	3.3V
GPIO_0 [6]	PIN_AK19	GPIO Connection 0[6]	3.3V
GPIO_0 [7]	PIN_AJ19	GPIO Connection 0[7]	3.3V
GPIO_0 [8]	PIN_AJ17	GPIO Connection 0[8]	3.3V
GPIO_0 [9]	PIN_AJ16	GPIO Connection 0[9]	3.3V
GPIO_0 [10]	PIN_AH18	GPIO Connection 0[10]	3.3V
GPIO_0 [11]	PIN_AH17	GPIO Connection 0[11]	3.3V
GPIO_0 [12]	PIN_AG16	GPIO Connection 0[12]	3.3V
GPIO_0 [13]	PIN_AE16	GPIO Connection 0[13]	3.3V
GPIO_0 [14]	PIN_AF16	GPIO Connection 0[14]	3.3V
GPIO_0 [15]	PIN_AG17	GPIO Connection 0[15]	3.3V
GPIO_0 [16]	PIN_AA18	GPIO Connection 0[16]	3.3V
GPIO_0 [17]	PIN_AA19	GPIO Connection 0[17]	3.3V
GPIO_0 [18]	PIN_AE17	GPIO Connection 0[18]	3.3V
GPIO_0 [19]	PIN_AC20	GPIO Connection 0[19]	3.3V
GPIO_0 [20]	PIN_AH19	GPIO Connection 0[20]	3.3V
GPIO_0 [21]	PIN_AJ20	GPIO Connection 0[21]	3.3V
GPIO_0 [22]	PIN_AH20	GPIO Connection 0[22]	3.3V
GPIO_0 [23]	PIN_AK21	GPIO Connection 0[23]	3.3V
GPIO_0 [24]	PIN_AD19	GPIO Connection 0[24]	3.3V
GPIO_0 [25]	PIN_AD20	GPIO Connection 0[25]	3.3V
GPIO_0 [26]	PIN_AE18	GPIO Connection 0[26]	3.3V
GPIO_0 [27]	PIN_AE19	GPIO Connection 0[27]	3.3V
GPIO_0 [28]	PIN_AF20	GPIO Connection 0[28]	3.3V
GPIO_0 [29]	PIN_AF21	GPIO Connection 0[29]	3.3V
GPIO_0 [30]	PIN_AF19	GPIO Connection 0[30]	3.3V
GPIO_0 [31]	PIN_AG21	GPIO Connection 0[31]	3.3V
GPIO_0 [32]	PIN_AF18	GPIO Connection 0[32]	3.3V
GPIO_0 [33]	PIN_AG20	GPIO Connection 0[33]	3.3V
GPIO_0 [34]	PIN_AG18	GPIO Connection 0[34]	3.3V
GPIO_0 [35]	PIN_AJ21	GPIO Connection 0[35]	3.3V
GPIO_1[0]	PIN_AB17	GPIO Connection 1[0]	3.3V
GPIO_1[1]	PIN_AA21	GPIO Connection 1[1]	3.3V
GPIO_1 [2]	PIN_AB21	GPIO Connection 1[2]	3.3V
GPIO_1 [3]	PIN_AC23	GPIO Connection 1[3]	3.3V
GPIO_1 [4]	PIN_AD24	GPIO Connection 1[4]	3.3V
GPIO_1 [5]	PIN_AE23	GPIO Connection 1[5]	3.3V
GPIO_1 [6]	PIN_AE24	GPIO Connection 1[6]	3.3V
GPIO_1 [7]	PIN_AF25	GPIO Connection 1[7]	3.3V
GPIO_1 [8]	PIN_AF26	GPIO Connection 1[8]	3.3V
GPIO_1 [9]	PIN_AG25	GPIO Connection 1[9]	3.3V
GPIO_1[10]	PIN_AG26	GPIO Connection 1[10]	3.3V
GPIO_1 [11]	PIN_AH24	GPIO Connection 1[11]	3.3V

GPIO_1 [12]	PIN_AH27	GPIO Connection 1[12]	3.3V
GPIO_1 [13]	PIN_AJ27	GPIO Connection 1[13]	3.3V
GPIO_1 [14]	PIN_AK29	GPIO Connection 1[14]	3.3V
GPIO_1 [15]	PIN_AK28	GPIO Connection 1[15]	3.3V
GPIO_1 [16]	PIN_AK27	GPIO Connection 1[16]	3.3V
GPIO_1 [17]	PIN_AJ26	GPIO Connection 1[17]	3.3V
GPIO_1 [18]	PIN_AK26	GPIO Connection 1[18]	3.3V
GPIO_1 [19]	PIN_AH25	GPIO Connection 1[19]	3.3V
GPIO_1 [20]	PIN_AJ25	GPIO Connection 1[20]	3.3V
GPIO_1 [21]	PIN_AJ24	GPIO Connection 1[21]	3.3V
GPIO_1 [22]	PIN_AK24	GPIO Connection 1[22]	3.3V
GPIO_1 [23]	PIN_AG23	GPIO Connection 1[23]	3.3V
GPIO_1 [24]	PIN_AK23	GPIO Connection 1[24]	3.3V
GPIO_1 [25]	PIN_AH23	GPIO Connection 1[25]	3.3V
GPIO_1 [26]	PIN_AK22	GPIO Connection 1[26]	3.3V
GPIO_1 [27]	PIN_AJ22	GPIO Connection 1[27]	3.3V
GPIO_1 [28]	PIN_AH22	GPIO Connection 1[28]	3.3V
GPIO_1 [29]	PIN_AG22	GPIO Connection 1[29]	3.3V
GPIO_1 [30]	PIN_AF24	GPIO Connection 1[30]	3.3V
GPIO_1 [31]	PIN_AF23	GPIO Connection 1[31]	3.3V
GPIO_1 [32]	PIN_AE22	GPIO Connection 1[32]	3.3V
GPIO_1 [33]	PIN_AD21	GPIO Connection 1[33]	3.3V
GPIO_1 [34]	PIN_AA20	GPIO Connection 1[34]	3.3V
GPIO_1 [35]	PIN_AC22	GPIO Connection 1[35]	3.3V