Connectors

This section describes the connectors available on the development board.

GPIO Headers

There are two general-purpose 2×20-pin 0.1-inch expansion headers to allow the addition of daughtercards for supplementary board features and functions.

Table 2–15 lists the GPIO header A schematic signal names and their corresponding MAX V CPLD device pin numbers.

Table 2–8. GPIO Header A Schematic Signal Names and Functions (Part 1 of 2)

Board Reference	Description	Schematic Signal Name	I/O Standard	MAX V CPLD Device Pin Number
J6.1	GPIO connector A pin	AGPIO_1	3.3-V	P2
J6.2	GPIO connector A pin	AGPIO_2		M4
J6.3	GPIO connector A pin	AGPIO_3		L4
J6.4	GPIO connector A pin	AGPIO_4		N3
J6.5	GPIO connector A pin	AGPIO_5		N2
J6.6	GPIO connector A pin	AGPIO_6		N1
J6.7	GPIO connector A pin	AGPIO_7		M3
J6.8	GPIO connector A pin	AGPIO_8		M2
J6.9	GPIO connector A pin	AGPIO_9		M1
J6.10	GPIO connector A pin	AGPIO_10		L3
J6.11	Power	5VIN_CONN	5-V	—
J6.12	Ground	GND	—	—
J6.13	GPIO connector A pin	AGPIO_11	3.3-V	L1
J6.14	GPIO connector A pin	AGPIO_12		L2
J6.15	GPIO connector A pin	AGPIO_13		K2
J6.16	GPIO connector A pin	AGPIO_14		K3
J6.17	GPIO connector A pin	AGPIO_15		J3
J6.18	GPIO connector A pin	AGPIO_16		K1
J6.19	GPIO connector A pin	AGPIO_17		J1
J6.20	GPIO connector A pin	AGPIO_18		J2
J6.21	GPIO connector A pin	AGPIO_19		H2
J6.22	GPIO connector A pin	AGPIO_20		H3
J6.23	GPIO connector A pin	AGPIO_21		G3
J6.24	GPIO connector A pin	AGPIO_22		H1
J6.25	GPIO connector A pin	AGPIO_23		G1
J6.26	GPIO connector A pin	AGPIO_24		G2
J6.27	GPIO connector A pin	AGPIO_25		F2
J6.28	GPIO connector A pin	AGPIO_26		F3
J6.29	Power	3.3VIN_CONN		—
J6.30	Ground	GND	—	—