

Raspberry Pi B			Banana Pi			Raspberry Pi B+			Banana Pro		
Pin on Board	PIN on BCM2835	Functions	Pin on Board	PIN on A20	Functions	Pin on Board	PIN on BCM2835	Functions	Pin on Board	PIN on A20	Functions
P1-01		3.3V	CON3-01		3.3V	J8-01		3.3V	CON6-01		3.3V
P1-02		5V	CON3-02		5V	J8-02		5V	CON6-02		5V
P1-03	GPI02	SDA1/SA3	CON3-03	PB21	TWI2_SDA	J8-03	GPI02	SDA1/SA3	CON6-03	PB21	TWI2_SDA
P1-04		5V	CON3-04		5V	J8-04		5V	CON6-04		5V
P1-05	GPI03	SCL1/SA2	CON3-05	PB20	TWI2_SCK	J8-05	GPI03	SCL1/SA2	CON6-05	PB20	TWI2_SCK
P1-06		GND	CON3-06		GND	J8-06		GND	CON6-06		GND
P1-07	GPI04	GPCLK0/SA1/ARM_TDI	CON3-07	PI3	PWM1/TWI4_SDA	J8-07	GPI04	GPCLK0/SA1/ARM_TDI	CON6-07	PH2	LCD1_D02/UART3_RTS/ EINT2
P1-08	GPI014	TXD0/SD6/TXD1	CON3-08	PH0	LCD1_D00/UART3_TX/ EINT0	J8-08	GPI014	TXD0/SD6/TXD1	CON6-08	PH4	LCD1_D04/UART4_TX/ EINT4
P1-09		GND	CON3-09		GND	J8-09		GND	CON6-09		GND
P1-10	GPI015	RXD0/SD7/RXD1	CON3-10	PH1	LCD1_D01/UART3_RX/ EINT1	J8-10	GPI015	RXD0/SD7/RXD1	CON6-10	PH5	LCD1_D05/UART4_RX/ EINT5
P1-11	GPI017	SD9/RTS0/SPI1_CE_N/ RTS1	CON3-11	PI19	SPI1_MISO/UART2_RX/ EINT31	J8-11	GPI017	SD9/RTS0/SPI1_CE_N/R TS1	CON6-11	PI19	SPI1_MISO/UART2_RX/ EINT31
P1-12	GPI018	PCM_CLK/SD10/BSCSEL SDA, MOSI/SPI1_CEO_N /PWM0	CON3-12	PH2	LCD1_D02/UART3_RTS/ EINT2	J8-12	GPI018	PCM_CLK/SD10/BSCSEL SDA, MOSI/SPI1_CEO_N/ PWM0	CON6-12	PI3	PWM1/TWI4_SDA
P1-13	GPI027	SD1_DAT3/ARM_TMS	CON3-13	PI18	SPI1_MOSI/UART2_TX/ EINT30	J8-13	GPI027	SD1_DAT3/ARM_TMS	CON6-13	PI18	SPI1_MOSI/UART2_TX/ EINT30
P1-14		GND	CON3-14		GND	J8-14		GND	CON6-14		GND
P1-15	GPI022	SD14/SD1_CLK/ ARM_TRST	CON3-15	PI17	SPI1_CLK/UART2_CTS/ EINT29	J8-15	GPI022	SD14/SD1_CLK/ARM_TRS T	CON6-15	PI17	SPI1_CLK/UART2_CTS/ EINT29
P1-16	GPI023	SD15/SD1_CMD/ ARM_RTCK	CON3-16	PH20	LCD1_D20/ERXDV/CAN_TX/ EINT20/CSI1_D20	J8-16	GPI023	SD15/SD1_CMD/ARM_RTC K	CON6-16	PH20	LCD1_D20/ERXDV/CAN_TX/ EINT20/CSI1_D20
P1-17		3.3V	CON3-17		3.3V	J8-17		3.3V	CON6-17		3.3V
P1-18	GPI024	SD16/SD1_DAT0/ ARM_TDO	CON3-18	PH21	LCD1_D21/EMDC/CAN_RX/E INT21/CSI1_D21	J8-18	GPI024	SD16/SD1_DAT0/ARM_TD 0	CON6-18	PH21	LCD1_D21/EMDC/CAN_RX/E INT21/CSI1_D21
P1-19	GPI010	SPI0_MOSI/SD2	CON3-19	PI12	SPI0_MOSI/UART6_TX/ CLK_OUT_A/EINT24	J8-19	GPI010	SPI0_MOSI/SD2	CON6-19	PI12	SPI0_MOSI/UART6_TX/ CLK_OUT_A/EINT24
P1-20		GND	CON3-20		GND	J8-20		GND	CON6-20		GND
P1-21	GPI09	SPI0_MISO/SD1	CON3-21	PI13	SPI0_MISO/UART6_RX/ CLK_OUT_B/EINT25	J8-21	GPI09	SPI0_MISO/SD1	CON6-21	PI13	SPI0_MISO/UART6_RX/ CLK_OUT_B/EINT25
P1-22	GPI025	SD17/SD1_DAT1/ ARM_TCK	CON3-22	PI16	SPI1_CS0/UART2_RTS/ EINT28	J8-22	GPI025	SD17/SD1_DAT1/ARM_TC K	CON6-22	PI16	SPI1_CS0/UART2_RTS/ EINT28
P1-23	GPI011	SPI0_CLK/SD3	CON3-23	PI11	SPI0_CLK/UART5_RX/ EINT23	J8-23	GPI011	SPI0_CLK/SD3	CON6-23	PI11	SPI0_CLK/UART5_RX/ EINT23
P1-24	GPI08	SPI0_CEO_N/SD0	CON3-24	PI10	SPI0_CS0/UART5_TX/ EINT22	J8-24	GPI08	SPI0_CEO_N/SD0	CON6-24	PI10	SPI0_CS0/UART5_TX/ EINT22
P1-25		GND	CON3-25		GND	J8-25		GND	CON6-25		GND
P1-26	GPI07	SPI0_CE1_N/SWE, SRE	CON3-26	PI14	SPI0_CS1/PS2_SCK1/ TCLKIN0/EINT26/TCLKIN0	J8-26	GPI07	SPI0_CE1_N/SWE, SRE	CON6-26	PI14	SPI0_CS1/PS2_SCK1/ TCLKIN0/EINT26/TCLKIN0
P5-01		5V	J12-01		5V	J8-27	GPI00	SDA0/SA5	CON6-27	PI1	TWI3_SDA
P5-02		3.3V	J12-02		3.3V	J8-28	GPI01	SCL0/SA4	CON6-28	PI0	TWI3_SCK
P5-03	GPI028	SDA0/SA5/PCM_CLK	J12-03	PH5	LCD1_D05/UART4_RX/ EINT5	J8-29	GPI05	GPCLK1/SA0/ARM_TDI	CON6-29	PB03	IRO_TX/SPDIF_MCLK/ STANBYWFI
P5-04	GPI029	SCL0/SA4/PCM_FS	J12-04	PI21	PS2_SDA0/UART7_RX/ HSDA	J8-30		GND	CON6-30		GND
P5-05	GPI030	SA3/PCM_DIN	J12-05	PH3	LCD1_D03/UART3_CTS/ EINT3	J8-31	GPI06	GPCLK2/SOE_N, SE/ARM_ RTCK	CON6-31	PI21	PS2_SDA0/UART7_RX/ HSDA

P5-06	GPI031	SA2/PCM_DOUT	J12-06	PI20	PS2_SCK0/ UART7_TX / HSCL	J8-32	GPI012	PWM0/SD4/ARM_TMS	CON6-32	PI20	PS2_SCK0/ UART7_TX / HSCL
P5-07		GND	J12-07		GND	J8-33	GPI013	PWM1/SD5/ARM_TCK	CON6-33	PB13	SPI2_CS1/SPDIF_D0
P5-08		GND	J12-08		GND	J8-34		GND	CON6-34		GND
						J8-35	GPI019	PCM_FS /SD10/BSCSL SDA, MOSI/SPI1_CE0_N/ CTS1	CON6-35	PB07	I2S0_LRCK /AC97_SYNC
						J8-36	GPI016	SD8/CTS0/SPI1_CE2_N/ CTS1	CON6-36	PB06	I2S0_BCLK /AC97_BCLK
						J8-37	GPI026	SD1_DAT2/ARM_TDI	CON6-37	PB05	I2S0_MCLK /AC97_MCLK
						J8-38	GPI020	PCM_DIN /SD12/BCSL, M ISO/SPI1_MOSI/GPCLK0	CON6-38	PB12	I2S_DI /AC97_DI/ SPDIF_DI
						J8-39		GND	CON6-39		GND
						J8-40	GPI021	PCM_DOUT /SD13/BSCSL , CEN/SPI1_SCLK/ GPCLK1	CON6-40	PB08	I2S0_D00 /AC97_D0

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