

BCM43907-based SiP Pin Name	WICED header net na
PWM_3	PWM_3
PWM_4	PWM_4
PWM_5	PWM_5
I2SO_MCK	I2SO_MCK
I2SO_SD_OUT	I2SO_SD_OUT
I2SO_SCK_BLCK	I2SO_SCK_BLCK
I2SO_WS_LRCLK	I2SO_WS_LRCLK
GND	GND
SPI_1_CLK	SPI_1_CLK
I2S1_SD_OUT	I2S1_SD_OUT
SPI_1_MISO	SPI_1_MISO
SPI_0_CLK	SPI_0_CLK
SPI_1_MOSI	SPI_1_MOSI
SPI_0_MOSI	SPI_0_MOSI
SPI_1_CS	SPI_1_CS
SPI_0_CS	SPI_0_CS
SPI_0_MISO	SPI_0_MISO
UARTO_RXD_IN	UARTO_RXD_IN
GND	GND
UARTO_TXD_OUT	UARTO_TXD_OUT
USB2_HOST_DEV_SEL	USB2_HOST_DEV_SEL
UARTO_CTS_IN	UARTO_CTS_IN I2C 0 SCL
I2C_0_SCL UARTO RTS OUT	UARTO RTS OUT
12C 0 SDA	I2C 0 SDA
12S1 MCK	I2S1 MCK
I2S1 WS LRCLK	I2S1_MS LRCLK
GND GND	GND GND
I2S1 SCK BCLK	I2S1 SCK BCLK
SDIO DATA1	SDIO DATA 1
SDIO DATAO	SDIO_DATA 0
SDIO CLK	SDIO CLK
SDIO CMD	SDIO CMD
SDIO DATA3	SDIO DATA 3
SDIO DATA2	SDIO DATA 2
RF SW CTRL 6 UART1 RX IN	RF SW CTRL 6 UART1 RX
RF SW CTRL 7 RSRC INIT MODE UART1 TX OUT	UART1 TXD
RF SW CTRL 8 UART2 RX	RF SW CTRL 8 UART2 RX
RF SW CTRL 9 HIB LPO SEL UART2 TX	UART2 TXD
HIB WAKE	HIB WAKE
HIB LPO SEL	HIB LPO SEL
HIB REG ON IN	HIB REG ON IN
USB2 DN	USB2 DN

BCM43907-based SiP Pin Name	BCM43907-based SiP Pin Function	Bootstrap option	Arduino header net name	Arduino functions
GPIO 0	UARTO RX	Option	ARD GPIO0	UART RX
GPIO_U GPIO 1 GSPI MODE	UARTO_KX UARTO_TX	GSPI MODE	ARD_GPIO0 ARD GPIO1	UART_KX UART TX
	GPIO 13	SDIO MODE		GPIO
GPIO_13_SDIO_MODE	PWM5		ARD_GPIO2	PWM
GPIO_7_WCPU_BOOT_MODE GPIO 14	GPIO 14	WLAN BOOT	ARD_GPIO3 ARD GPIO4	GPTO
GPIO_14 GPIO 16	PWM2			PWM
			ARD_GPIO5	
GPIO_15	PWM3		ARD_GPIO6	PWM
I2SO_SD_IN	GPIO_26		ARD_GPIO7	GPIO
N/A(uses external ADC chip)	ADC		ARD_ADO	AD0
N/A(uses external ADC chip)	ADC		ARD_AD1	AD1
N/A(uses external ADC chip)	ADC		ARD_AD2	AD2
N/A(uses external ADC chip)	ADC		ARD_AD3	AD3
N/A(uses external ADC chip)	ADC		ARD_AD4_SDA	AD4, SDA
N/A(uses external ADC chip)	ADC		ARD_AD5_SCL	AD5, SCL
I2S1_SD_IN	GPIO_29		ARD_GPIO8	GPIO
PWM_4	PWM4		ARD_GPIO9	PWM
GPIO_11_ACPU_BOOT_MODE	SPI1_CS, PWM1	APPS BOOT	ARD_SS	PWM, SPI_CS
GPIO_10	SPI1_MOSI, PWM0		ARD_MOSI	PWM, SPI_MOS
GPIO_12	SPI1_MISO		ARD_MISO	SPI_MISO
GPIO 9 USB SEL	SPI1 CLK		ARD SCK	SPI SCK
GND	GND		GND GND	GND _
N/A (supplied off eval board)	N/A (supplied off eval board)		ARD AREF	POWER
I2C 1 SDA	I2C SDA		ARD AD4 SDA	AD4, SDA
I2C 1 SCL	I2C SCL		ARD AD5 SCL	AD5, SCL
NC	NC -		ARD NC	NC
N/A (supplied off eval board)	N/A (supplied off eval board)		ARD IOREF	POWER
RESET L	RESET		ARD RESET	RESET
N/A (supplied off eval board)	N/A (supplied off eval board)		+3V3	POWER
N/A (supplied off eval board)	N/A (supplied off eval board)		NC	POWER
GND	GND		GND	GND
GND	GND		GND	GND
N/A (supplied off eval board)	N/A (supplied off eval board)		VIN EXT	POWER
	, , , , , , , , , , , , , , , , , , , ,			

BCM43907-based SiP Pin Name	On Board Debug Interface
GPIO2_JTAG_TCK	GPIO2_JTAG_TCK
GPIO3_JTAG_TMS	GPIO3_JTAG_TMS
GPIO4_JTAG_TDI	GPIO4_JTAG_TDI
GPIO5 JTAG TDO	GPIO5 JTAG TDO
GPIO6 JTAG TRST N	GPIO6 JTAG TRST N
RF SW CTRL 7 RSRC INIT MODE UART1 TX OUT	UART1 TXD
RF_SW_CTRL_6_UART1_RX_IN	RF_SW_CTRL_6_UART1_RXD

## WICED / ARDUINO HEADER PAIRS

 CYPRESS SEMICONDUCTOR TECHNOLOGY CO., LTD.

 Title
 CYW943907AEVAL1F

 Size
 Document Number

 A
 630-60379-01

 Pate:
 Friday, April 28, 2017

 Sheet
 2

 of
 10















