

J12

Alternate Function					Alternate Function
5.0V PWR	1		2	3.3V PWR	
5.0V PWR	3		4	GPIO1.28	UART4_TX
GPIO1.10	5		6	GPIO1.29	UART4_RX
GPIO1.12	7		8	GND	
GND	9		10	GPIO2.11	
GPIO3.11	11		12	GPIO2.15	
GPIO3.12	13		14	GPIO2.10	
N.C.	15		16	GPIO2.8	
GPIO3.7	17		18	GPIO2.14	
GND	19		20	GND	

J11

Alternate Function					Alternate Function
3.3V PWR	1		2	5.0V PWR	
I2C2_SDA	GPIO1.31	3	4	5.0V PWR	
I2C2_SCL	GPIO1.30	5	6	GND	
	GPIO3.21	7	8	GPIO2.12	UART8_TX
	GND	9	10	GPIO2.13	UART8_RX
SPI2_CS2	GPIO3.3	11	12	GPIO1.14	
SPI2_CS3	GPIO3.4	13	14	GND	
	GPIO3.22	15	16	GPIO1.13	
	3.3V PWR	17	18	GPIO1.15	
SPI1_MOSI	GPIO3.27	19	20	GND	
SPI1_MISO	GPIO3.28	21	22	GPIO1.11	
SPI1_CLK	GPIO3.25	23	24	GPIO3.26	SPI1_CS0
	GND	25	26	GPIO3.10	SPI1_CS1
I2C3_SDA	GPIO3.5	27	28	GPIO3.6	I2C3_SCL
	GPIO3.1	29	30	GND	
	GPIO3.0	31	32	GPIO3.24	PWM6
PWM5	GPIO3.23	33	34	GND	
SPI2_MISO	GPIO4.24	35	36	GPIO4.22	SPI2_CS0
	GPIO4.16	37	38	GPIO4.23	SPI2_MOSI
	GND	39	40	GPIO4.21	SPI2_CLK

SLX Porcupine

Single Board Computer



J13

Alternate Function					Alternate Function
5.0V PWR	1		2	3.3V PWR	
5.0V PWR	3		4	GND	
TAMPER0	5		6	VDD_COIN	
RESET	7		8	TAMPER1	
GND	9		10	GPIO1.1	
I2C1.SDA	GPIO4.17	11	12	GPIO1.2	UART1_TX
I2C1.SCL	GPIO4.18	13	14	GPIO1.3	UART1_RX
PWM8	GPIO4.20	15	16	GPIO1.4	PWM3
PWM7	GPIO4.19	17	18	GPIO1.5	PWM4
GND	19		20	GND	

J10

Alternate Function					Alternate Function
5.0V PWR	1		2	3.3V PWR	
GPIO3.20	3		4	GND	
GPIO3.19	5		6	GPIO1.20	UART2_TX
GPIO3.18	7		8	GPIO1.21	UART2_RX
GPIO3.17	9		10	GPIO1.23	UART2_RTS
CAN2_RX	GPIO3.16	11	12	GPIO1.22	UART2_CTS
CAN2_TX	GPIO3.15	13	14	GND	
CAN1_RX	GPIO3.14	15	16	USB_OTG2+	
CAN2_TX	GPIO4.13	17	18	USB_OTG2-	
GND	19		20	GND	