

# Bus Pirate v3 Reference Card

	SPI		I2C		UART		1-WIRE		JTAG	
■	MISO	■		■	RX	■		■	TDO	■
	CS								TMS	
■	MOSI	■	SDA	■	TX	■	OWD	■	TDI	■
■	CLK	■	SCL	■		■		■		■
■	AUX	■	AUX	■	AUX	■	AUX	■	AUX	■
■	VPU	■	VPU	■	VPU	■	VPU	■	VPU	■
■	ADC	■	ADC	■	ADC	■	ADC	■	ADC	■
■	+5V	■	+5V	■	+5V	■	+5V	■	+5V	■
■	+3.3V	■	+3.3V	■	+3.3V	■	+3.3V	■	+3.3V	■
■	GND	■	GND	■	GND	■	GND	■	GND	■

## General

## Protocol interaction

?	This help	(0)	List current macros
=X/ X	Converts X/reverse X	(x)	Macro x
~	Selftest	[	Start
#	Reset the BP	]	Stop
\$	Jump to bootloader	{	Start with read
&/%	Delay 1 us/ms	}	Stop
a/A/@	AUXPIN (low/HI/READ)	"abc"	Send string
b	Set baudrate	123	
c/C	AUX assignment (aux/CS)	0x123	
d/D	Measure ADC (once/CONT.)	0b110	Send value
f	Measure frequency	r	Read
g/S	Generate PWM/Servo	/	CLK hi
h	Commandhistory	\	CLK lo
i	Versioninfo/statusinfo	^	CLK tick
l/L	Bitorder (msb/LSB)	-	DAT hi
m	Change mode	_	DAT lo
o	Set output type	.	DAT read
p/P	Pullup resistors (off/ON)	!	Bit read
s	Script engine	:	Repeat e.g. r:10
v	Show volts/states	;	Bits to read/write e.g. 0x55;2
w/W	PSU (off/ON)	<x>/<x= >/<0>	Usermacro x/assign x/list all