



BOOT  
RST  
TDO  
VCC  
GND  
TCK  
TDI  
TMS

EXT  
GND  
3.3V  
5.0V

GND ID  
PB01 PB00  
PB07 PB06  
PB03 PB02  
PB05 PB04

PA09 PA08  
PB08 PB09  
PA06 PA05  
PA07 PA04  
VCC GND

GND ID  
PA11 PA10  
PA21 PA20  
PA23 PA22  
PB15 PB14  
PA09 PA08  
PB12 PB13  
PA18 PA17  
PA19 PA16  
VCC GND

XPLAINED PRO  
EXTENSION HEADER

GND	ID
ADC-	ADC+
GPIO1	GPIO0
PWM-	PWM+
SPI_SS_B	IRQ
TWI_SCL	TWI_SDA
UART_TX	UART_RX
SPI_MOSI	SPI_SS_A
SPI_SCK	SPI_MISO
VCC	GND

ID  
GND  
PA03  
PA15  
PA13  
PA27  
PA09  
PB10  
PB22  
PB23  
PA02  
PB30  
PA12  
PA28  
PA08  
PB11  
PB17  
PB16  
GND  
VCC



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