



mikro BUS

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AN	PWM
RST	INT
CS	RX
SCK	TX
MISO	SCL
MOSI	SDA
+3.3V	+5V
GND	GND

1

AN	PWM
RST	INT
CS	RX
SCK	TX
MISO	SCL
MOSI	SDA
+3.3V	+5V
GND	GND

2

AN	PWM
RST	INT
CS	RX
SCK	TX
MISO	SCL
MOSI	SDA
+3.3V	+5V
GND	GND

3

MICROCHIP

ETHERCAT

U4

U7

WiFi/BLE

SAMA5D2-ICP rev.2  
INDUSTRIAL CONNECTIVITY PLATFORM

USB  
GND  
PC25  
PC30  
PC30  
PI0B06  
PI0B05  
PI0B04  
PI0B02

EESC  
EESDA  
GND  
RXD  
TXD

USER\_PB1  
DIS\_BOOT  
USER\_PB2  
SW4  
SW2  
SW5  
SW6

UART  
UART  
TXD

MILC activity

GND  
GP1018  
GP1019  
GP1020  
GP100  
GP1021  
3V3  
J20

J14 port-B

J13-port-A

J18

J15

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