



SAMA7G54-EK
EVALUATION KIT rev. 5

EV21H18A



MICROCHIP



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mikro BUS

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

mikro BUS

GND	GND
09+	0E+0
SDS	ISOW
TCS	OSIW
XL	SCK
XR	CS
LNI	RST
Wp	AN

5V DC

TP2	TP1
J23	J22
J1	J2
J3	J4
J5	J6
J7	J8
J9	J10
J11	J12
J13	J14
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J97	J98
J99	J100

U1: SAMA7G54
U2: VDDCPU
U3: VDDCORE
U4: DDR0
U5: DDR1
U6: DDR2
U7: VDDIO
U8: VDDIO
U9: VDDIO
U10: VDDIO
U11: VDDIO
U12: VDDIO
U13: VDDIO
U14: VDDIO
U15: VDDIO
U16: VDDIO
U17: VDDIO
U18: VDDIO
U19: VDDIO
U20: VDDIO

U1: SD CARD
U2: Wi-Fi/BLE
U3: 100Mbps Ethernet
U4: 1Gbps Ethernet

U1: MIC ENABLE
U2: USER BUTTON
U3: RGB LED
U4: nSTART
U5: nRST
U6: SW1
U7: SW2
U8: SW3
U9: SW4

U1: SPDIF/RX
U2: SPDIF/TX