	MCU		Shield Connectors														Shield Components								
pin-no	Function	Mikro Click Socket 1 J901	Mikro Click Socket 2 J902	Mikro Click Socket 3 J903	ESP8266	GY-91	Analouge/112	NRF24L01	J13/RC-Servo	J14/RC-Servo	STK-Con/JP102	STK-Con/JP103	JTAG/J2	Timers/115	нін-8120	7-Segment	MCP4822/DAC	Status Leds	Potmeter	TMP-36	Switches	reds			
	G5 (OC0B)													OCOB/3				ST3			 				
	E3 (OC3A/AIN1)			(PWM3)/9				15.0 (0						OC3A/8							+-	-			
	E4 (OC3B/INT4)		(INITO) (4.0	(INT3)/10				IRQ/8						OC3B/9							┼				
	E5 (OC3C/INT5) H0 (RXD2)		(INT2)/10 (RXD2)/11											OC3C/10							+-	-			
	H1 (TXD2)		(TXD2)/12																		+	\vdash			
	H3 (OC4A)		(PWM2)/9											OC4A/12							+-				
	H4 (OC4B)		(: :::::=)// 5											OC4B/13				ST4			+-				
	H5 (OC4C)			(RST3)/7										OC4C/14											
	H6 (OC2B)		(RST2)/7											OC2B/7											
	BO (SS/PCINTO)													T0/1		RCK									
	B1 (SCK/PCINT1)	(SCK)/8	(SCK)/8	(SCK)/8				SCK/5								SCK	DAC-SCK				$oldsymbol{ol}}}}}}}}}}}}}}}}}}$				
	B2 (MOSI/PCINT2)	(MOSI)/6	(MOSI)/6	(MOSI)/6				MOSI/6								MOSI	DAC-MOSI				 	igsquare			
	B3 (MISO/PCINT3)	(MISO)/5	(MISO)/5	(MISO)/5				MISO/7								MISO					₩				
	B4 (OC2A/PCINT4)													OC2A/6							+-	-			
	B5 (OC1A/PCINT5)		(CDL CC3)/2											OC1A/4							+-	\vdash			
	B6 (OC1B/PCINT6) B7 (OC0A/OC1C/PCINT7)		(SPI_CS2)/3											OC1B/5 OC0A/2							+-				
	ESET												RESET/6	OCUA/ 2							+-				
	LO (ICP4)												INLUCIO INCLUENCE INCLUENC	ICP4/11							+-	\vdash			
	L1 (ICP5)													ICP5/16							+-				
	L2 (T5)													T5/15							+-				
	L3 (OC5A)	(PWM1)/9								RC-PWM/2				OC5A/17											
39 F	L4 (OC5B)								RC-PWM/2					OC5B/18											
		(SPI_CS1)/3												OC5C/19											
41								CE/3													↓				
42 F		(22)	(22)	(22)				CSN/4													₩				
	DO (SCL/INTO)	(SCL)/13	(SCL)/13	(SCL)/13		SCL/4									SCL						+-				
	D1 (SDA/INT1) D2 (RXD1/INT2)	(SDA)/14 (RXD1)/11	(SDA)/14	(SDA)/14		SDA/5									SDA						SW7	\vdash			
	D3 (TXD1/INT3)	(TXD1)/11																			SW8				
	G0 (WR)	(17/01)/12																		TMP36-EN	13000				
	G1 (RD)																DAC-LDAC			11111 33 211	+-				
	CO (A8)										PC0/1										SW1				
54 F	C1 (A9)										PC1/2										SW2				
55 F	C2 (A10)				-						PC2/3										SW3				
	C3 (A11)										PC3/4										SW4				
	C4 (A12)										PC4/5										SW5				
	C5 (A13)										PC5/6							c= :			SW6	 			
	C6 (A14)										PC6/7							ST1			+-	1			
	C7 (A15) J0 (RXD3/PCINT9)			(RXD3)/11	RXD/7						PC7/8							ST2			+	-			
	J1 (TXD3/PCINT10)			(TXD3)/11 (TXD3)/12	TXD/2																+	\vdash			
	G2 (ALE)			(1703)/12	IND/L												DAC-CS	\vdash			+-	$\vdash \vdash \vdash$			
	A7 (AD7)																2,10 03				+	(Led8)			
	A6 (AD6)																				\top	(Led7)			
	A5 (AD5)																					(Led6)			
74	A4 (AD4)																					(Led5)			
75 F	A3 (AD3)																					(Led4)			
	A2 (AD2)																				$oldsymbol{ol}}}}}}}}}}}}}}}}}}$	(Led3)			
77 F	A1 (AD1)																				<u></u>	(Led2)			

78 PA	A0 (AD0)															(Led1)
82 PK	(7 (ADC15/PCINT23)								PK7/8						TMP36-VOUT	
	(6 (ADC14/PCINT22)								PK6/7					VOUT-POT		
	(5 (ADC13/PCINT21)			(SPI_CS3)/3		ADC13/6			PK5/6							
	(4 (ADC12/PCINT20)	(RST1)/7				ADC12/5			PK4/5							
86 PK	(3 (ADC11/PCINT19)	(INT1)/10				ADC11/4			PK3/4							
	(2 (ADC10/PCINT18)			(AN3)/4		ADC10/3			PK2/3							
	(1 (ADC9/PCINT17)		(AN2)/4			ADC9/2			PK1/2							
89 PK	(0 (ADC8/PCINT16)	(AN1)/4				ADC8/1			PK0/1							
	7 (ADC7/TDI)									TDI/9						
	⁶ (ADC6/TDO)									TDO/3						
	5 (ADC5/TMS)									TMS/5						
	4 (ADC4/TCK)									TCK/1						
	3 (ADC3											D4				
95 PF	² (ADC2)											D3				
96 PF	1 (ADC1)				·							D2				
	O (ADCO)											D1				
98 AR	REF					AREF-BUF/7			l		AREF/20			AREF-BUF		

General Shield Connector Signals													
(Not directly connected to MCU pins)		_		_	_	_			_	_	_	_	
+5V (supply)	+5V/16	+5V/16	+5V/16	GND/1	VCC_5V/1			+5V/2	+5V/2	+5V/10	+5V/11	+5V/4	
+3V3 (supply)	+3V3/2	+3V3/2	+3V3/2	VCC_3V3/8	VOUT_3V3/2		VCC/2						
GND	GND/1	GND/1	GND/1		GND/3	GND/10	GND/1	GND/1	GND/1	GND/9	GND/10	GND/2	GND/21
GND	GND/15	GND/15	GND/15									GND/10	GND/22
GND													GND/23
GND													GND/24
Notes	Usage dependends on type of Mikro Click Module Pin numbers on connector shown after /	Usage dependends on type of Mikro Click Module Pin numbers on connector shown after /	Usage dependends on type of Mikro Click Module Pin numbers on connector shown after /	Pin numbers on connector shown after /									

If the switches are not activated the signals can be used for other purpose