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/J12	NRF24L01	J13/RC-Servo	J14/RC-Servo	STK-Con/JP102	STK-Con/JP103	JTAG/J2	Timers/J15	HIH-8120	7-Segment	MCP4822/DAC	Status Leds	Potmeter	TMP-36	Switches	Leds
1	PG5 (OC0B)													OC0B/3				ST3				
5	PE3 (OC3A/AIN1)			(PWM3)/9										OC3A/8								
6	PE4 (OC3B/INT4)			(INT3)/10				IRQ/8						OC3B/9								
7	PE5 (OC3C/INT5)		(INT2)/10											OC3C/10								
12	PH0 (RXD2)		(RXD2)/11																			
13	PH1 (TXD2)		(TXD2)/12																			
15	PH3 (OC4A)		(PWM2)/9											OC4A/12								
16	PH4 (OC4B)													OC4B/13				ST4				
17	PH5 (OC4C)			(RST3)/7										OC4C/14								
18	PH6 (OC2B)		(RST2)/7											OC2B/7								
19	PB0 (SS/PCINT0)													T0/1		RCK						
20	PB1 (SCK/PCINT1)	(SCK)/8	(SCK)/8	(SCK)/8				SCK/5								SCK	DAC-SCK					
21	PB2 (MOSI/PCINT2)	(MOSI)/6	(MOSI)/6	(MOSI)/6				MOSI/6								MOSI	DAC-MOSI					
22	PB3 (MISO/PCINT3)	(MISO)/5	(MISO)/5	(MISO)/5				MISO/7								MISO						
23	PB4 (OC2A/PCINT4)													OC2A/6								
24	PB5 (OC1A/PCINT5)													OC1A/4								
25	PB6 (OC1B/PCINT6)		(SPI_CS2)/3											OC1B/5								
26	PB7 (OC0A/OC1C/PCINT7)													OC0A/2								
30	RESET												RESET/6									
35	PL0 (ICP4)													ICP4/11								
36	PL1 (ICP5)													ICP5/16								
37	PL2 (T5)													T5/15								
38	PL3 (OC5A)	(PWM1)/9								RC-PWM/2				OC5A/17								
39	PL4 (OC5B)								RC-PWM/2					OC5B/18								
40	PL5 (OC5C)	(SPI_CS1)/3												OC5C/19								
41	PL6							CE/3														
42	PL7							CSN/4														
43	PD0 (SCL/INT0)	(SCL)/13	(SCL)/13	(SCL)/13		SCL/4									SCL							
44	PD1 (SDA/INT1)	(SDA)/14	(SDA)/14	(SDA)/14		SDA/5									SDA							
45	PD2 (RXD1/INT2)	(RXD1)/11																			SW7	
46	PD3 (TXD1/INT3)	(TXD1)/12																			SW8	
51	PG0 (WR)																			TMP36-EN		
52	PG1 (RD)																DAC-LDAC					
53	PC0 (A8)										PC0/1										SW1	
54	PC1 (A9)										PC1/2										SW2	
55	PC2 (A10)										PC2/3										SW3	
56	PC3 (A11)										PC3/4										SW4	
57	PC4 (A12)										PC4/5										SW5	
58	PC5 (A13)										PC5/6										SW6	
59	PC6 (A14)										PC6/7							ST1				
60	PC7 (A15)										PC7/8							ST2				
63	PJ0 (RXD3/PCINT9)			(RXD3)/11	RXD/7																	
64	PJ1 (TXD3/PCINT10)			(TXD3)/12	TXD/2																	
70	PG2 (ALE)																DAC-CS					
71	PA7 (AD7)																					(Led8)
72	PA6 (AD6)																					(Led7)
73	PA5 (AD5)																					(Led6)
74	PA4 (AD4)																					(Led5)
75	PA3 (AD3)																					(Led4)
76	PA2 (AD2)																					(Led3)
77	PA1 (AD1)																					(Led2)

78	**PA0 (AD0)**																					(Led1)
82	**PK7 (ADC15/PCINT23)**											PK7/8								TMP36-VOUT		
83	**PK6 (ADC14/PCINT22)**											PK6/7							VOUT-POT			
84	**PK5 (ADC13/PCINT21)**			(SPI_CS3)/3			ADC13/6					PK5/6										
85	**PK4 (ADC12/PCINT20)**	(RST1)/7					ADC12/5					PK4/5										
86	**PK3 (ADC11/PCINT19)**	(INT1)/10					ADC11/4					PK3/4										
87	**PK2 (ADC10/PCINT18)**			(AN3)/4			ADC10/3					PK2/3										
88	**PK1 (ADC9/PCINT17)**		(AN2)/4				ADC9/2					PK1/2										
89	**PK0 (ADC8/PCINT16)**	(AN1)/4					ADC8/1					PK0/1										
90	**PF7 (ADC7/TDI)**												TDI/9									
91	**PF6 (ADC6/TDO)**												TDO/3									
92	**PF5 (ADC5/TMS)**												TMS/5									
93	**PF4 (ADC4/TCK)**												TCK/1									
94	**PF3 (ADC3**														D4							
95	**PF2 (ADC2)**														D3							
96	**PF1 (ADC1)**														D2							
97	**PF0 (ADC0)**														D1							
98	**AREF**						AREF-BUF/7							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 /	Pin numbers on connector shown after /	Pin numbers on connector shown after /	Pin numbers on connector shown after /	Pin numbers on connector shown after /	Pin numbers on connector shown after /	Pin numbers on connector shown after /	Pin numbers on connector shown after /	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