

ATMEGA328P	ELEGOO-Shield	Adapter to Breadboard	Function
RESET	NL	NL (grey)	NFC_RESET (Orange/yellow)
PD0 (RXD)	RXD/RX/0	NC	USART_RX, BT_RX (grey)
PD1 (TXD)	TXD/TX/1	NC	USART_TX, BT_TX (white)
PD2 (INT0)	2	NC	NFC_IRQ (purple/blue)
PD3 (OC2B)	3	NC	SERVO
PD4	4	NC	SR_CLK (various)
PD5 (OC0B)	5	NC	HB_ENA
PD6 (OC0A)	6	NC	HB_ENB
PD7	7	NC	HB_IN1
PB0	8	NC	HB_IN2
PB1	9	NC	HB_IN3
PB2	10	NC	SR_DATA (various)
PB3	11	NC	HB_IN4
PB4	12	NC	US_Echo
PB5	13	NC	US_Trigger
PC0 (ADC0)	A0	NL (blue)	LF_Right (black)
PC1 (ADC1)	A1	NL (greem)	LF_Middle (red)
PC2 (ADC2)	A2	NL (yellow)	LF_Left (yellow)
PC3 (ADC3)	A3	NL (purple)	A3_Voltage_Divider_LiPo (purple)
PC4 (SDA)	A4/SDA	NL (brown)	SDA_NFC (white/bright grey), SDA_IMU
PC5 (SCL)	A5/SCL	NL (orange)	SCL_NFC (brown/dark grey), SDA_IMU
NC	Vin	NL (white)	V+_Voltage_Divider_LiPo (white)

Tabelle 1: Pin-Mapping; NL: Not Labeled, NC: Not Connected