Arduino UNO - Uno-F5 board

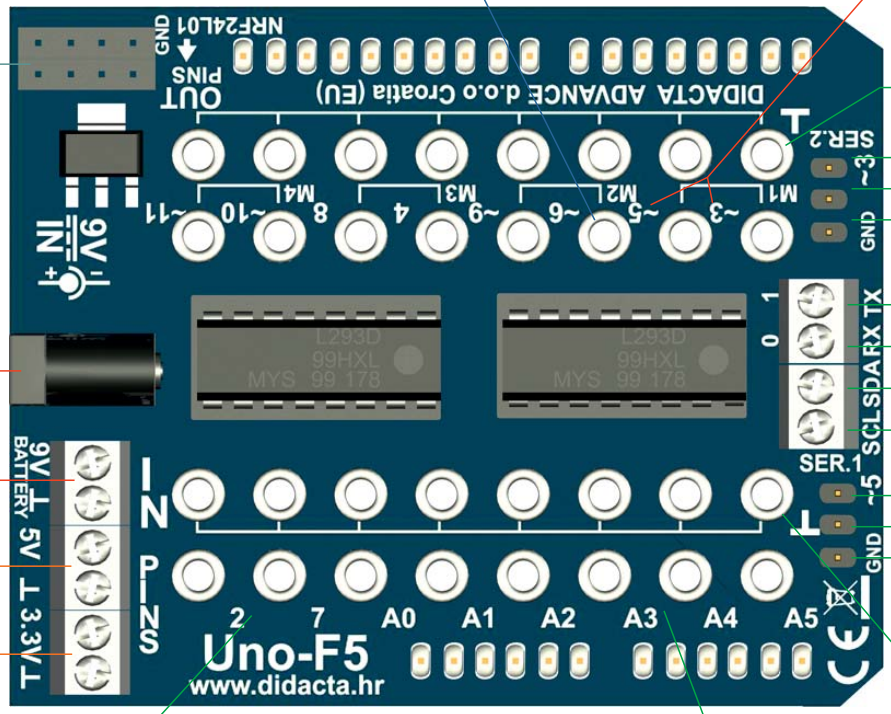
fischertechnik compatible

OUT — **OUTPUTS** SIGNAL OUTPUT
M1 (~3,~5) M2 (~6,~9) M3 (4,8) M4 (~10,~11) 6-9V (max. 600mA)

OUTPUT pins ~3 and ~5 are shared with SERVO outputs

NRF24L01 3.3V

MISO P12	SCK P13	CE P2	GND
NC	MOSI P11	CSN P7	3.3V



POWER SUPPLY - ADAPTER 9V for board and Arduino UNO

POWER SUPPLY - BATTERY 9V for board and Arduino UNO

5V — **OUTPUT** SUPPLY FOR SENSORS

3.3V — **OUTPUT** SUPPLY FOR SENSORS

GND (-)

SIGNAL (5V) ~3 **SERVO 2**
VCC (5V- max. 700mA**)**
GND

TX (5V) 1 **UART**
RX (5V) 0 **UART**
SDA (5V) **I2C**
SCL (5V) **I2C**

SIGNAL (5V) ~5 **SERVO 1**
VCC (5V- max. 700mA**)**
GND

GND (-)

IN D — **INPUTS** SIGNAL INPUT (**MAX. 9V**)
(2,7) **digital**

SIGNAL INPUT (**MAX. 9V**) **INPUTS** — **IN DA**
digital / analog **(A0,A1,A2,A3,A4,A5)**

(c) DIDACTA ADVANCE d.o.o.