TABLE OF ADDRESSES : 32I/O BOARD FOR ARDUINO ATMEGA 40 PINS DIP CLONE AND MEGA 2560

Pins name on the 32I/O board	Pins with Atmega 8535/32/644p/1284p Arduino -- LDmicro (µC pin name)	Pins with Arduino MEGA 2560 Arduino -- LDmicro (µC pin name)
digital INPUTS (12->24VDC)		
I1	D8 ----------- PD0	D0 ------------ PE0 -- Switch to link to PC1 (LDmicro digital input problem with RX)
I2	D9 ----------- PD1	D1 ------------ PE1 – Switch to link to PD7 (LDmicro digital input problem with TX))
I3	D10 ---------- PD2	D2 ------------ PE4
I4	D11 ---------- PD3	D3 ------------ PE5
I5	D12 ---------- PD4	D14 ------------ PJ1
I6	D13 ---------- PD5	D9 ------------ PH6
I7	D14 ---------- PD6	D8 ------------ PH5
I8	D16 ---------- PC0	D15 ----------- PJ0
I9	D17 ---------- PC1	D16 ----------- PH1
I10	D18 ---------- PC2	D17 ----------- PH0
I11	D19 ---------- PC3	D18 ----------- PD3
I12	D20 ---------- PC4	D19 ----------- PD2
I13	D21 ---------- PC5	D20 ----------- PD1
I14	D22 ---------- PC6	D21 ----------- PD0
I15	D23 ---------- PC7	A15 ----------- PK7
I16	A7 ----------- PA7	A2 ------------ PF2
I17	A6 ----------- PA6	A3 ------------ PF3
I18	A5 (switch Digital IN/Analog IN) –PA5	A4 ------------ PF4
I19	A4 (switch Digital IN/Analog IN) –PA4	A5 ------------ PF5
I20	A3 ----------- PA3	A6 ------------ PF6
digital OUTPUTS relays (0->240V AC / DC)		
O1	D0 ------------ PB0	D4 ----------- PG5
O2	D1 ------------ PB1	D5 ----------- PE3
O3	D2 ------------ PB2	D6 -----------PH3
O4	D3 ------------ PB3	D7 ----------- PH4
O5	D4 (switch Run/Download) ------ PB4	D26 (switch Run/Download OFF) – PA4
O6	D5 (switch Run/Download) ------ PB5	D28 (switch Run/Download OFF) – PA6
O7	D6 (switch Run/Download) ------ PB6	D30 (switch Run/Download OFF) – PC7
O8	D7 (switch Run/Download) ------ PB7	D32 (switch Run/Download OFF) – PC5
O9	D15 (switch Analog/Digital OUT) PD7	D34 ------------ PC3
O10	A1 ------------ PA1	A0 ------------ PF0---Linked to PK2-A10 (digital output problem with LDmicro4.2.3)
O11	A0 ------------ PA0	A1 ------------ PF1---Linked to PK3-A11 (digital output problem with LDmicro4.2.3)
O12	A2 ------------ PA2	A7 ------------ PF7---Linked to PK4-A12 (digital output problem with LDmicro4.2.3)
analog INPUTS (0-10V DC)		
AI1	A5 (switch Digital IN/Analog IN) –PA5 (POT2)	A8 ------------- PK0 (POT2)
AI2	A4 (switch Digital IN/Analog IN) –PA4 (POT1)	A9 ------------- PK1 (POT1)
analog OUTPUTS (0-10V DC)		
AO1	D15 (switch Analog/Digital OUT)–PD7	D44 ----------- PL5---Linked to PB6-D12 (one of available analog out put on LDmicro)
AO2	None	D46 ----------- PL3---Linked to PB7-D13 (one of available analog out put on LDmicro)