USER MANUAL L405MA02C4A01

SUBJECT INDEX:

L405MA02C4A01
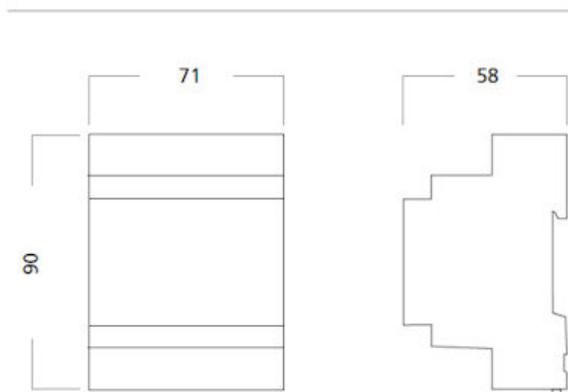Four channel costant current dimmer DMX/PUSH/DALI/POT/0-10V/BLE

4 channels Dimmers with Current PWM.
Input Range: 8-53V DC.
Current PWM with current from 0.17A to 1.05A (54.6W at 52V DC) for single channel.
In single channel mode current from 0.68A to 4.2A (218.4W at 52V).
Parallelisable output channels.
Controllable with Android/iOS app Newlab Go with different working modes: Single Channel, RGB, RGB + White, White tunable.

In order to set working modes and output current you will need the L392MA00N0A01 interface sold separately.

Input Controls	
Type	**Qty**
DMX512 RDM	1
Push button	1
Not insulated Push button	4
DALI	1
Potentiometer	4
0-10V 1-10V Passive	4
1-10V Passive	4
Bluetooth LE	1

Output Sync	
Type	**Qty**
DMX512	1

TECHNICAL NOTES

- 4 channels Dimmers with Current PWM.
- Input Range: 8-53V DC.
- Power 7.35W @ 8V, 11.55W @ 12V, 24.15W @ 24V, 49.35W @ 48V, 54.6W @ 53V.
- Current PWM with current from 0.17A to 1.05A (54.6W at 52V DC) for single channel.
- In single channel mode current from 0.68A to 4.2A (218.4W at 52V).
- Parallelisable output channels.
- MASTER/SLAVE configuration for digital syncro with other Newlab Dimmer or DMX512A compatible device.
- Default Configuration: SLAVE DMX512A 4 Channel.
- L392MA00N0A01 interface (optional) is required to change operating mode.
- Input Controls: DMX512 RDM x1, Push button x1, Not insulated Push button x4, DALI x1, Potentiometer x4, 0-10V 1-10V Passive x4, 1-10V Passive x4, Bluetooth LE x1.
- Output Sync: DMX512 x1.
- Notice on 0-10V (1-10V): this control circuits is not insulated, use only insulated 0-10V(1-10V) source generator.
- PWM Frequency: 390 Hz.
- Converter DALI to DMX.
- Thermal foldback: 150 C. Degrees on uC.
- Storage Temperature Min: -40 Max: 60 C. Degrees.
- Working Temperature Min: -20 Max: 50 C. Degrees.
- Printed Circuit UL.
- Protection Class: IP20.
- Weight: 98 gr.

- Standard Dimension 90x70x58 mm.
- Reverse polarity protection.
- Open circuit protection.
- Surge voltage protection.
- Over temperature protection.
- Short circuit protection.
- If the control voltage of the PUSH input is higher than the SELV voltage it is necessary to use the OPTIONAL terminal / cable cover to keep the product in CLASS II.
- Use only in dry conditions.

CODE	INPUT VOLTAGE	(MAX) OUTPUT CURRENT	N. OUTPUT CHANNELS	MAX OUTPUT POWER	CONTROL INPUTS	CASE	DIMENSION mm
L405MA02C4A01	8-53V DC	from 0.17A to 1.05A for single channel	4	54.6W at 52V DC for single channel 218.4W at 52V DC total	DMX512 RDM x1 Push button x1 Not insulated Push button x4 DALI x1 Potentiometer x4 0-10V 1-10V Passive x4 1-10V Passive x4 Bluetooth LE x1	YES	90x70 h 58

Newlab
Electronic Solutions

DEVICE POWER SUPPLY AND CONNECTION TO THE LED MODULE

POWER SUPPLY CONNECTION DIAGRAM AND LED L405MA02C4A01 - FIGURE N. 1

The L405MA02C4A01 dimmer has to be powered according to the polarity showed in FIG. 1 through the DC IN (+ and -) terminals.

In case the power supply polarity is inverted no damage will be caused to the device.

The LED load connection on L405MA02C4A01 (output constant current common anode) has to be made by using the CH1-, CH1+, CH2-, CH2+, CH3-, CH3+, CH4-, CH4+ terminals.

In case of single-channel mode, or in the case of loads that require currents higher than 1050 mA it is possible to parallelize the outputs.

The resulting output current will be the sum of the parallelized channels.

OPERATING MODES

L405MA02C4A01 devices can work on different operating modes.
Operating mode and configuration parameters (example: DMX address, Fade, etc) can be programmed through the optional L392MA00N0A1 programmer interface sold separately.

See parameters configuration section in this manual or consult newlabacademy App on iOS or Android.

The supported operation modes are:

- INPUT SLAVE DMX-512/RDM 4 CHANNELS (DEFAULT)
- INPUT SLAVE DMX-512/RDM 4 CHANNELS WITH PARAMETERS SETTING
- INPUT SLAVE DMX-512/RDM SINGLE CHANNEL
- INPUT SLAVE DMX-512/RDM SINGLE CHANNEL WITH PARAMETERS SETTING
- INPUT DALI 4 CHANNELS
- INPUT DALI SINGLE CHANNEL
- INPUT PUSH (NOT ISOLATED) 4 INDIPENDENT CHANNELS + BLUETOOTH
- INPUT PUSH (ISOLATED) SINGLE CHANNEL + BLUETOOTH
- INPUT LINEAR POTENTIOMETER (100Kohm), 0-10V/1-10V (NOT ISOLATED) 4 INDIPENDENT CHANNELS
- STANDALONE SHOW GENERATOR WITH TRANSMISSION OVER DMX-512 BUS

In all operating modes except SLAVE DMX512/RDM operating modes, L405MA02C4A01 devices convert input data received via DALI, PUSH, 0-10V, 1-10V, potentiometer, BLE interfaces and transmit them over DMX-512/RDM Bus on channels 1-2-3-4.

INPUT SLAVE DMX-512/RDM 4 CHANNELS (DEFAULT)

BUS DMX512/RDM WIRING DIAGRAM L405MA02C4A01 - FIGURE N. 2

In this operating mode (DEFAULT) the device can be driven via DMX-512/RDM bus.
The device occupies 4 DMX-512/RDM channels starting from base address.
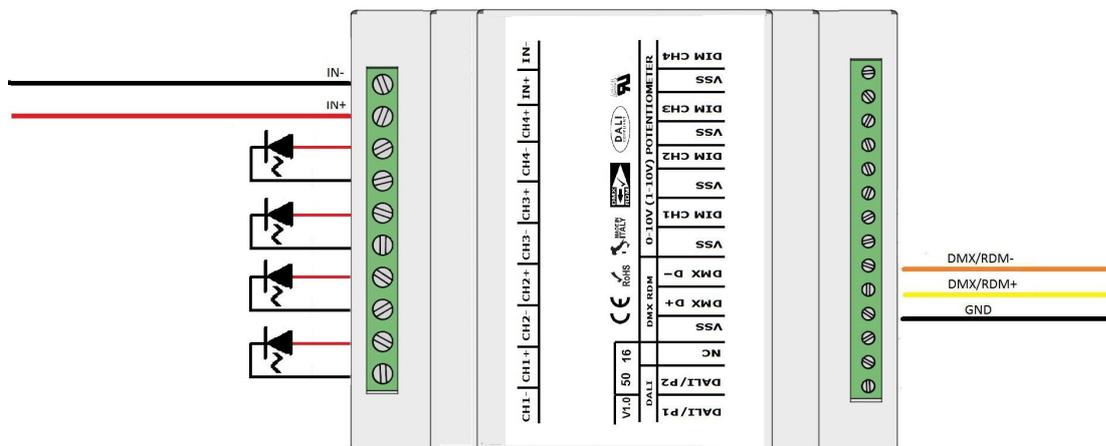The DMX base address (DEFAULT 1) can be set through RDM protocol or through the L392MA00N0A1 programmer interface (optional).

See parameters configuration section in this manual or consult newlabacademy App on iOS or Android.

In this operation mode the device works with LINEAR CURVE and FADE is disabled.

**ATTENTION: IN ORDER TO MAKE THE DMX BUS OPERATE CORRECTLY YOU MUST CONNECT TOGETHER ALL GND TERMINALS OF THE DEVICES CONNECTED TO THE BUS.
CONNECT THE TERMINAL VSS LIKE IN THE FIGURE ABOVE.**

IN THIS OPERATING MODE THE BLE (Bluetooth) CONTROL IS DISABLED

INPUT SLAVE DMX-512/RDM 4 CHANNELS WITH PARAMETERS SETTING

BUS DMX512/RDM WIRING DIAGRAM L405MA02C4A01 - FIGURE N. 3

In this operating mode (DEFAULT) the device can be driven via DMX-512/RDM bus.
The device occupies 4 DMX-512/RDM channels starting from base address.
The DMX base address (DEFAULT 1) can be set through RDM protocol or through the L392MA00N0A1 programmer interface (optional).

See parameters configuration section in this manual or consult newlabacademy App on iOS or Android.

In this operation mode you can set the Dimming Curve (Logaritmic or Linear) and enable or disable the FADE.

**ATTENTION: IN ORDER TO MAKE THE DMX BUS OPERATE CORRECTLY YOU MUST CONNECT TOGETHER ALL GND TERMINALS OF THE DEVICES CONNECTED TO THE BUS.
CONNECT THE TERMINAL VSS LIKE IN THE FIGURE ABOVE.**

IN THIS OPERATING MODE THE BLE (Bluetooth) CONTROL IS DISABLED

INPUT SLAVE DMX-512/RDM SINGLE CHANNEL

BUS DMX512/RDM WIRING DIAGRAM L405MA02C4A01 - FIGURE N. 4

In this operating mode (DEFAULT) the device can be driven via DMX-512/RDM bus with single channel feature.
The device occupies 1 DMX-512/RDM channel.
The device in this operating mode is able to handle up to a total of 4.2A .
The DMX base address (DEFAULT 1) can be set through RDM protocol or through the L392MA00N0A1 programmer interface (optional).
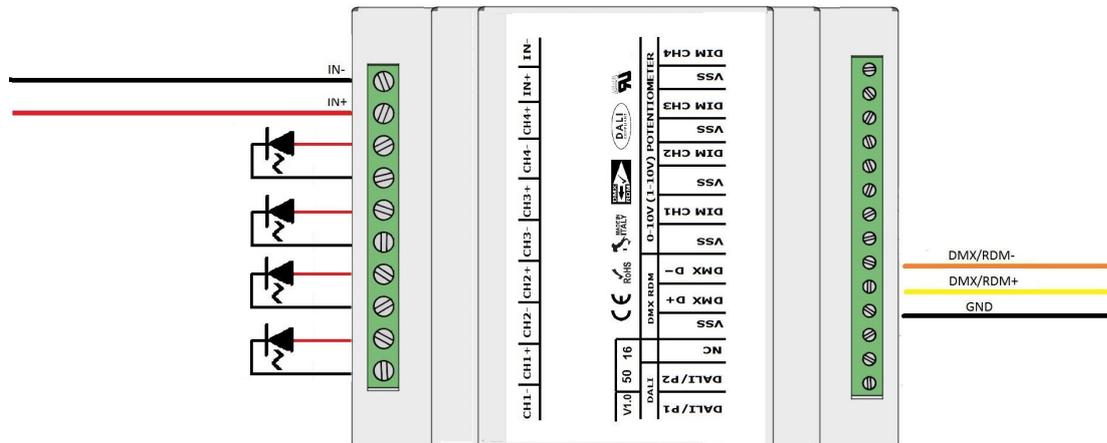
See parameters configuration section in this manual or consult newlabacademy App on iOS or Android.

In this operation mode the device works with LINEAR CURVE and FADE is disabled.

ATTENTION: IN ORDER TO MAKE THE DMX BUS OPERATE CORRECTLY YOU MUST CONNECT TOGETHER ALL GND TERMINALS OF THE DEVICES CONNECTED TO THE BUS.
CONNECT THE TERMINAL VSS LIKE IN THE FIGURE ABOVE.

IN THIS OPERATING MODE THE BLE (Bluetooth) CONTROL IS DISABLED

Newlab
Electronic Solutions

INPUT SLAVE DMX-512/RDM SINGLE CHANNEL WITH PARAMETERS SETTING
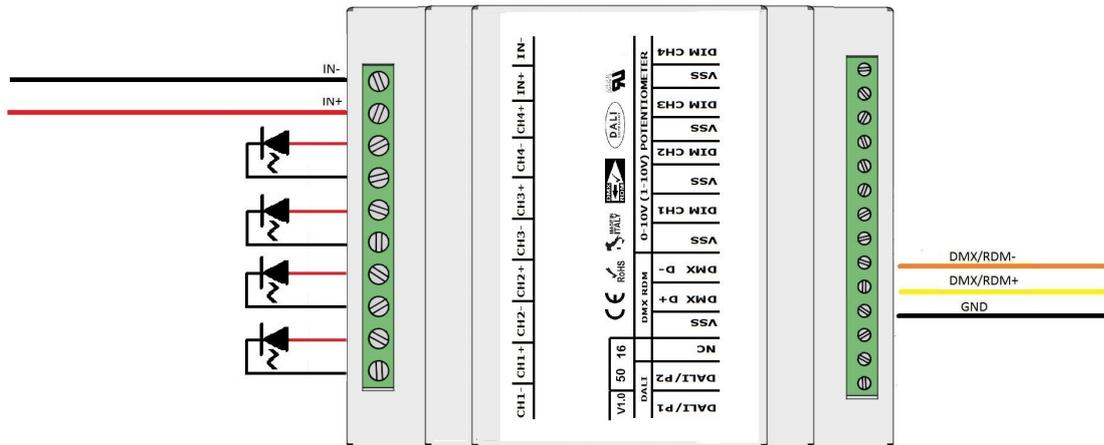
BUS DMX512/RDM WIRING DIAGRAM L405MA02C4A01 - FIGURE N. 5

In this operating mode (DEFAULT) the device can be driven via DMX-512/RDM bus with single channel feature.
The device occupies 1 DMX-512/RDM channel.
In this operating mode the device is able to handle up to a total of 4.2A .
The DMX base address (DEFAULT 1) can be set through RDM protocol or through the L392MA00N0A1 programmer interface (optional).

In this operation mode you can set the Dimming Curve (Logaritmic or Linear) and enable or disable the FADE.
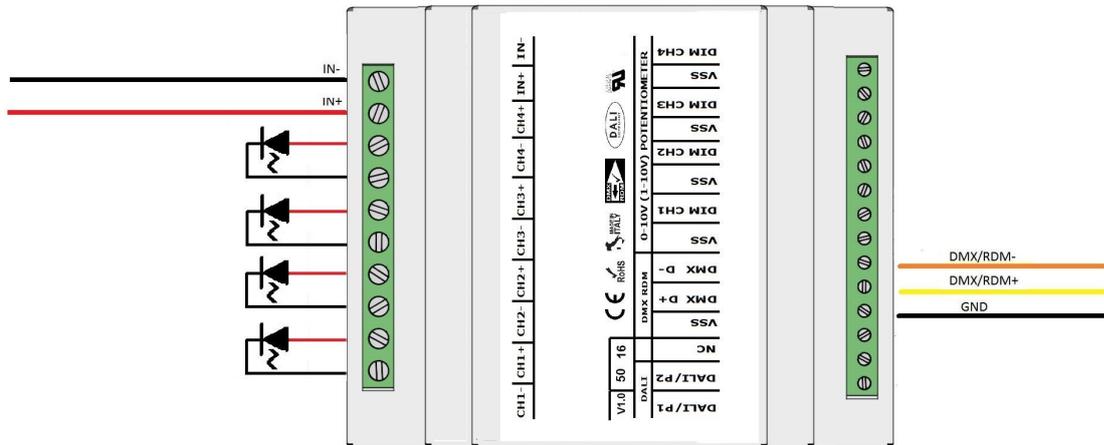
See parameters configuration section in this manual or consult newlabacademy App on iOS or Android.

**ATTENTION: IN ORDER TO MAKE THE DMX BUS OPERATE CORRECTLY YOU MUST CONNECT TOGETHER ALL GND TERMINALS OF THE DEVICES CONNECTED TO THE BUS.
CONNECT THE TERMINAL VSS LIKE IN THE FIGURE ABOVE.**

IN THIS OPERATING MODE THE BLE (Bluetooth) CONTROL IS DISABLED

INPUT DALI 4 CHANNELS
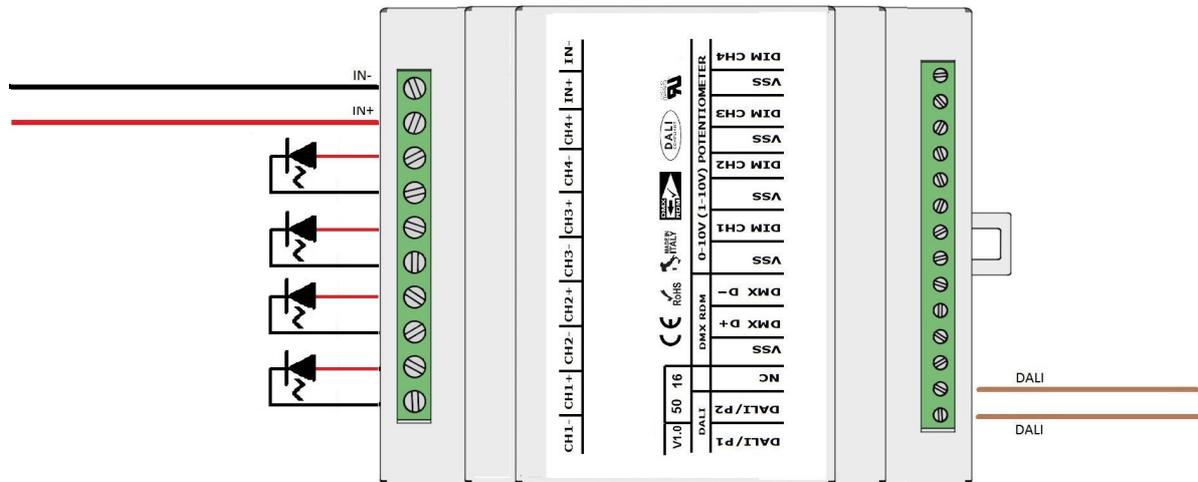
DALI WIRING DIAGRAM L405MA02C4A01 - FIGURE N. 6

In this operating mode the dimmer L405MA02C4A01 works as DALI 4 Channels dimmer.
During the addressing phase the device is seen by DALI bus like 4 independent devices.

The maximum current absorbed by DALI Bus is about 2mA.

In this operating mode parameters received via DALI Bus will be sent via DMX512/RDM on fixed channels 1-2-3-4:
FIRST DEVICE DALI -> DMX512 ADDRESS 1
SECOND DEVICE DALI -> DMX512 ADDRESS 2
THIRD DEVICE DALI -> DMX512 ADDRESS 3
FOURTH DEVICE DALI -> DMX512 ADDRESS 4

See parameters configuration section in this manual or consult newlabacademy App on iOS or Android.

IN THIS OPERATING MODE THE BLE (Bluetooth) CONTROL IS DISABLED

Below you can find the implemented standard commands:

DIRECT ARC POWER
OFF
UP
DOWN
STEP UP
STEP DOWN
RECALL MAX LEVEL
RECALL MIN LEVEL
STEP DOWN AND OFF
ON AND STEP UP
GO TO SCENE (0-15)
RESET
STORE ACTUAL LEVEL IN THE DTR
STORE THE DTR AS MAX LEVEL
STORE THE DTR AS MIN LEVEL

STORE THE DTR AS SYSTEM FAILURE LEVEL
STORE THE DTR AS POWER ON LEVEL
STORE THE DTR AS FADE TIME
STORE THE DTR AS FADE RATE
STORE THE DTR AS SCENE (0-15)
REMOVE FROM SCENE (0-15)
ADD TO GROUP (0-15)
REMOVE FROM GROUP (0-15)
STORE DTR AS SHORT ADDRESS
QUERY STATUS
QUERY BALLAST
QUERY LAMP POWER ON
QUERY LIMIT ERROR
QUERY RESET STATE
QUERY MISSING SHORT ADDRESS
QUERY VERSION NUMBER
QUERY DEVICE TYPE
QUERY PHISICAL MINIMUM LEVEL
QUERY POWER FAILURE
QUERY CONTENT DTR1
QUERY CONTENT DTR2
QUERY ACTUAL LEVEL
QUERY MAX LEVEL
QUERY MIN LEVEL
QUERY POWER ON LEVEL
QUERY SYSTEM FAILURE LEVEL
QUERY FADE TIME/FADE RATE
QUERY SCENE LEVEL (0-15)
QUERY GROUPS (0-7)
QUERY GROUPS (8-15)
QUERY RANDOM ADDRESS H
QUERY RANDOM ADDRESS M
QUERY RANDOM ADDRESS L

INPUT DALI SINGLE CHANNEL

DALI WIRING DIAGRAM L405MA02C4A01 - FIGURE N. 7

In this operating mode the dimmer L405MA02C4A01 works as DALI single Channel dimmer.
The maximum current absorbed by DALI Bus is about 2mA.

In this operating mode parameters received via DALI Bus will be sent via DMX512/RDM on fixed channels 1-2-3-4:
FIRST DEVICE DALI -> DMX512 ADDRESS 1
SECOND DEVICE DALI -> DMX512 ADDRESS 2
THIRD DEVICE DALI -> DMX512 ADDRESS 3
FOURTH DEVICE DALI -> DMX512 ADDRESS 4

See parameters configuration section in this manual or consult newlabacademy App on iOS or Android.

IN THIS OPERATING MODE THE BLE (Bluetooth) CONTROL IS DISABLED

Below you can find the implemented standard commands:

DIRECT ARC POWER
OFF
UP
DOWN
STEP UP
STEP DOWN
RECALL MAX LEVEL
RECALL MIN LEVEL
STEP DOWN AND OFF
ON AND STEP UP
GO TO SCENE (0-15)
RESET
STORE ACTUAL LEVEL IN THE DTR
STORE THE DTR AS MAX LEVEL
STORE THE DTR AS MIN LEVEL
STORE THE DTR AS SYSTEM FAILURE LEVEL
STORE THE DTR AS POWER ON LEVEL
STORE THE DTR AS FADE TIME

STORE THE DTR AS FADE RATE
STORE THE DTR AS SCENE (0-15)
REMOVE FROM SCENE (0-15)
ADD TO GROUP (0-15)
REMOVE FROM GROUP (0-15)
STORE DTR AS SHORT ADDRESS
QUERY STATUS
QUERY BALLAST
QUERY LAMP POWER ON
QUERY LIMIT ERROR
QUERY RESET STATE
QUERY MISSING SHORT ADDRESS
QUERY VERSION NUMBER
QUERY DEVICE TYPE
QUERY PHISICAL MINIMUM LEVEL
QUERY POWER FAILURE
QUERY CONTENT DTR1
QUERY CONTENT DTR2
QUERY ACTUAL LEVEL
QUERY MAX LEVEL
QUERY MIN LEVEL
QUERY POWER ON LEVEL
QUERY SYSTEM FAILURE LEVEL
QUERY FADE TIME/FADE RATE
QUERY SCENE LEVEL (0-15)
QUERY GROUPS (0-7)
QUERY GROUPS (8-15)
QUERY RANDOM ADDRESS H
QUERY RANDOM ADDRESS M
QUERY RANDOM ADDRESS L

INPUT PUSH (NOT ISOLATED) 4 INDIPENDENT CHANNELS + BLUETOOTH

PUSH INTERFACE WIRING DIAGRAM L405MA02C4A01 - FIGURE N. 8

In this operating mode it is possible to drive the 4 output channels just pressing 4 buttons N.O. connected like in the figure 8.

In this operating mode it is also possible to drive the dimmer via Newlab Go App for iOS and Android.
See the section in this manual for more information

PUSH interface operation

Single Click (rapid press (<1sec))
- Turns on or off the output (ON/OFF).

Double Click (rapid press (<1sec))
- Sets maximum brightness (output= 100%)

Long Press (long press (>1sec))
- If the dimmer is in OFF position, it sets the output to the minimum value (default= 1%)
- If the dimmer is in ON position, the long press enables the output dimming (up/down).

In this operating mode parameters received via PUSH interface will be sent via DMX512/RDM on fixed channels 1-2-3-4:
FIRST DEVICE DALI -> DMX512 ADDRESS 1
SECOND DEVICE DALI -> DMX512 ADDRESS 2
THIRD DEVICE DALI -> DMX512 ADDRESS 3
FOURTH DEVICE DALI -> DMX512 ADDRESS 4

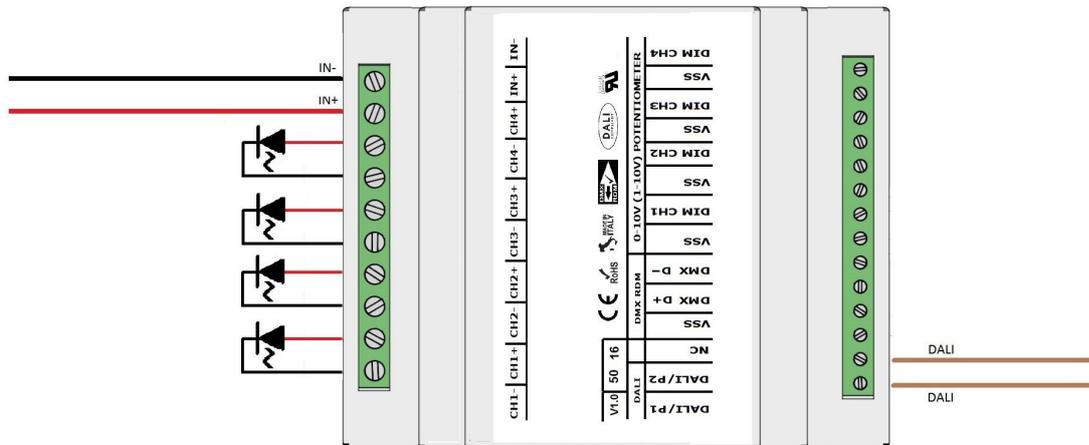See parameters configuration section in this manual or consult newlabacademy App on iOS or Android.

INPUT PUSH (ISOLATED) SINGLE CHANNEL + BLUETOOTH
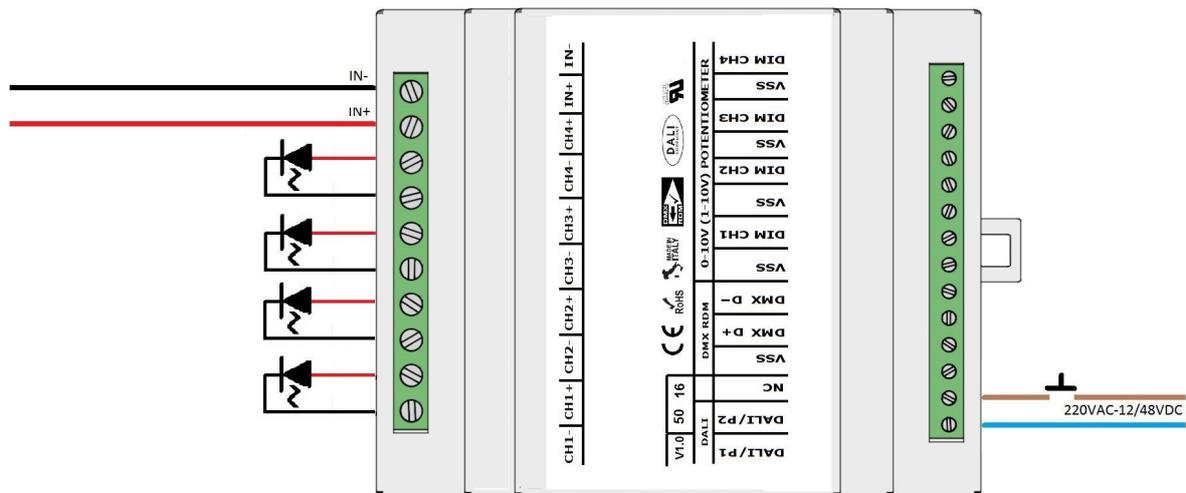
PUSH INTERFACE WIRING DIAGRAM L405MA02C4A01 - FIGURE N. 9

In this operating mode it is possible to drive the 4 output channels just pressing 1 button N.O. connected like in the figure 9.
In this operating mode the device is able to handle up to a total of 4.2A .

In this operating mode it is also possible to drive the dimmer via Newlab Go App for iOS and Android.
See the section in this manual for more information

PUSH interface operation

Single Click (rapid press (<1sec))
- Turns on or off the output (ON/OFF).

Double Click (rapid press (<1sec))
- Sets maximum brightness (output= 100%)

Long Press (long press (>1sec))
- If the dimmer is in OFF position, it sets the output to the minimum value (default= 1%)
- If the dimmer is in ON position, the long press enables the output dimming (up/down).

In this operating mode parameters received via PUSH interface will be sent via DMX512/RDM on fixed channels 1-2-3-4:
FIRST DEVICE DALI -> DMX512 ADDRESS 1
SECOND DEVICE DALI -> DMX512 ADDRESS 2
THIRD DEVICE DALI -> DMX512 ADDRESS 3
FOURTH DEVICE DALI -> DMX512 ADDRESS 4

See parameters configuration section in this manual or consult newlabacademy App on iOS or Android.

INPUT LINEAR POTENTIOMETER (100KOHM), 0-10V/1-10V (NOT ISOLATED) 4 INDIPENDENT CHANNELS

POTENTIOMETER WIRING DIAGRAM L405MA02C4A01

(THE FIGURE SHOW ONLY THE CONNECTION OF CHANNEL 4) - FIGURE N. 10
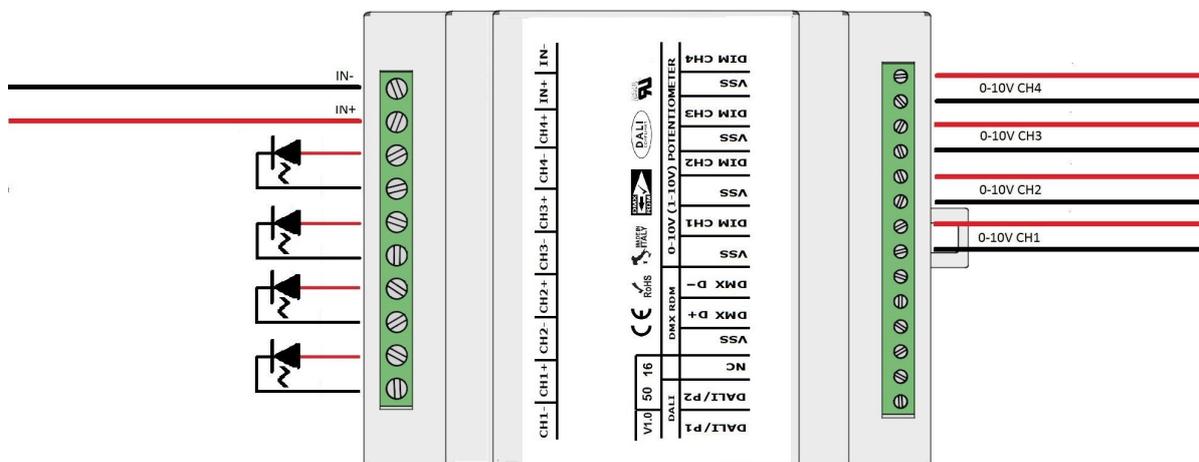
WIRING DIAGRAM 0-10V/1-10V L405MA02C4A01 - FIGURE N. 11

In this operating mode it is possible to drive the dimmer L405MA02C4A01 with analog signals.
Depending on the wiring diagram in the previous figures it is possible to use a 0-10V (1-10V) signal or a 100Kohm linear potentiometer.
Each input analog channel drive the luminosity of corresponding output channel.
The maximum current absorbed by the dimmer driven with 0-10V/1-10V signal is about 0,1mA.
The default dimming curve is logarithmic* and follows proportionally the input voltage control.

This setting can be configured via L392MA00N0A01 programmer interface (optional)

A voltage low than 1V is interpreted as off load.
In the pictures above the wiring diagrams for single channel operating mode potentiometer (100 Kohm) and 0-10V, 1-10V.
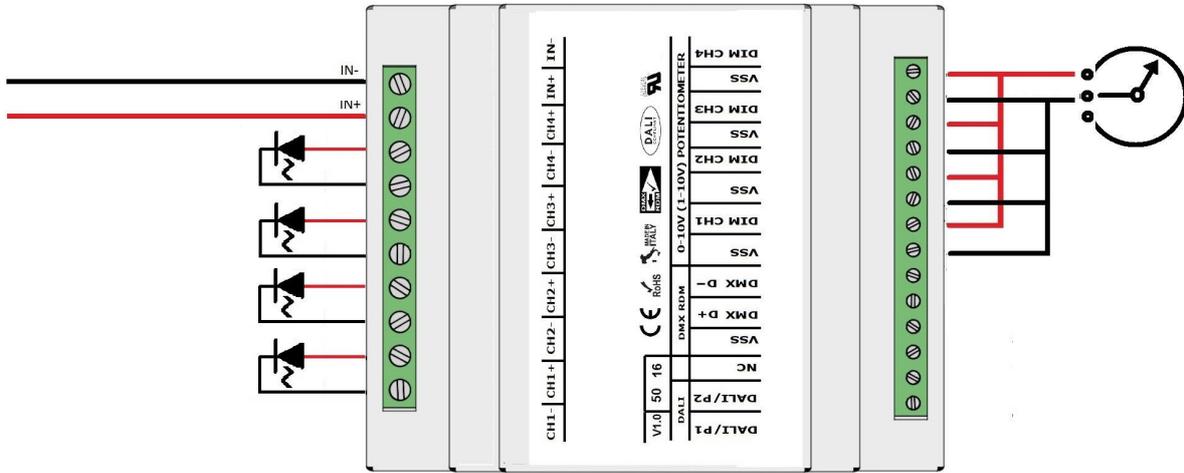
POTENTIOMETER WIRING DIAGRAM SINGLE CHANNEL L405MA02C4A01 - FIGURE N. 12
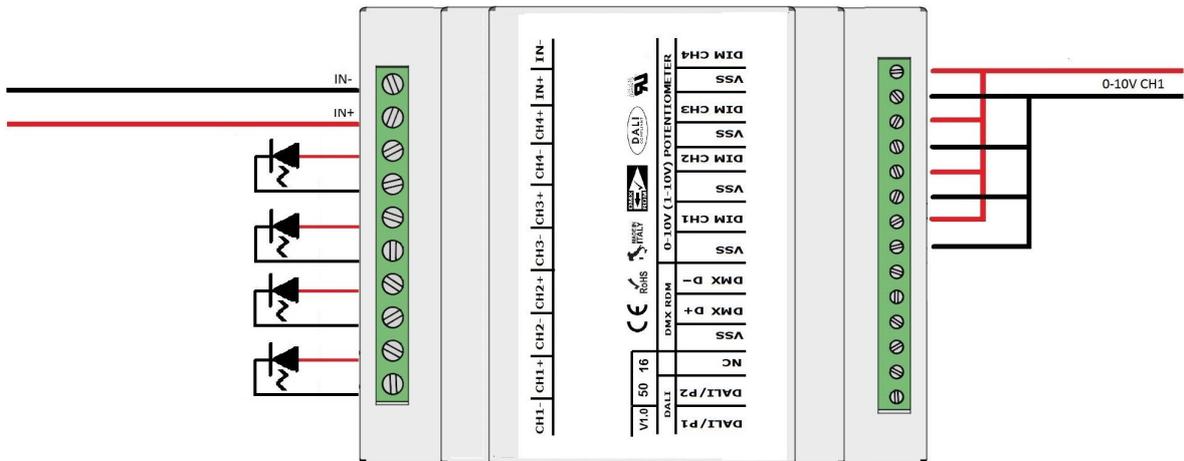
0-10V/1-10V WIRING DIAGRAM SINGLE CHANNEL L405MA02C4A01 - FIGURE N. 13

This mode allows control of L405MA02C4A01 dimmer with analog signals and outputs synchronous channel.
Depending on the wiring diagram in the previous figures it is possible to use a 0-10V (1-10V) signal or a 100Kohm linear potentiometer.
All output channels will be handle synchronously and proportionally to the input signals.
The maximum current absorbed by the dimmer driven with 0-10V/1-10V signal in single channel mode is about 0,4mA.
The default dimming curve is logarithmic* and follows proportionally the input voltage control.

This setting can be configured via L392MA00N0A01 programmer interface (optional)

A voltage low than 1V is interpreted as off load.

STANDALONE SHOW GENERATOR WITH TRANSMISSION OVER DMX-512 BUS
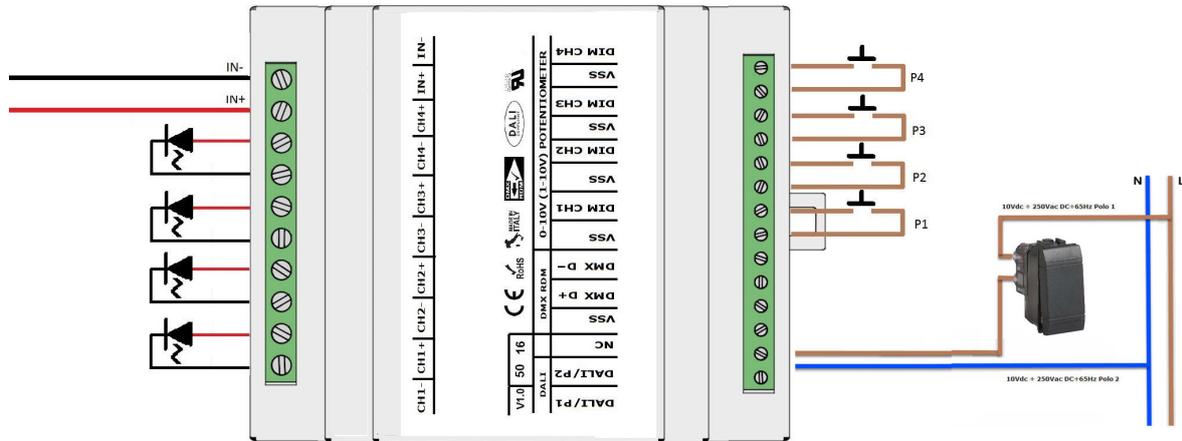
FIGURE N. 14

In this operating mode the dimmer L405MA02C4A01 work as DMX preloaded show generator with 4 buttons N.O. connected like in the figure 14.

IN THIS OPERATING MODE THE BLE (Bluetooth) CONTROL IS DISABLED ON FIRMWARE PRIOR TO RELEASE 3.2

Each press of the button changes the running program according to the following table.

P1	P2	P3	P4
Shows and Fades	Fixed Color (Channel % R—G—B)	Power ON and Power OFF CH4 (White)	Power ON and Power OFF
1 RAINBOW SLOW	1 Show lock and store color	1 Quick press: Power OFF	1 Quick press: Power OFF
2 RAINBOW MEDIUM	1 WHITE (66%--100%--78%)		
3 RAINBOW FAST	2 WARM WHITE (100%--83%--5%)	2 Quick press: Power ON	2 Quick press: Power ON and memory recall to the last shutdown
4 SLOW FADE	3 COLD WHITE (54%--100%--100%)		
5 FADE MEDIUM	4 RED (100%--00%--00%)		
6 FADE FAST	5 ORANGE (100%--15%--00%)	3: Long press variation in light intensity (2% - 100%)	3: Long press variation in light intensity (2% - 100%)
7 COLD FADE SLOW	6 TANGERIN (100%--15%--00%)		
	7 MELON (100%--47%--00%)		
8 COLD FADE MEDIUM	8 LEMON (100%--100%--00%)		
	9 LIME (70%--100%--00%)		
9 COLD FADE FAST	10 ACID GREEN (47%--100%--00%)		
	11 GREEN APPLE (29%--100%--00%)		
10 WARM FADE SLOW	12 FLUO GREEN (11%--100%--00%)		
	13 GREEN (00%--100%--00%)		
11 WARM FADE MEDIUM	14 WATER GREEN (00%--100%--10%)		
	15 CARIBBEAN (00%--100%--20%)		
12 WARM FADE FAST	16 CLEAR SKY (00%--100%--45%)		
	17 LIGHT BLUE (00%--100%--100%)		
13 SLOW RED FADE	18 BLUE MANGANESE (00%--43%--100%)		
	19 BLUE (00%--00%--100%)		
14 MEDIUM RED FADE	20 IRIS (10%--00%--100%)		
	21 LAVENDER (17%--00%--100%)		
15 FAST RED FADE	22 LIGHT VIOLET (37%--00%--100%)		
	23 FLUO PINK (65%--00%--100%)		
	24 LIGHT PINK (100%--47%--16%)		
	25 PINK (100%--00%--100%)		
	26 SHOCKING PINK (100%--00%--75%)		
	27 BRIGHT PINK(100%--00%--47%)		
	28 VIOLET (100%--00%--100%)		
	29 PURPLE (100%--00%--4%)		

Newlab
Electronic Solutions

NEWLAB GO APPLICATION

The implemented features are:
Switching on and off and the brightness level control of each individual light point.

Ability to group together and control several light points with just a simple command.

Creation and recall of your favourite lighting sceneries.

The system management from a single simplified user interface.

THE BLUETOOTH LE CONNECTION DOES NOT REQUIRE PAIRING PROCEDURE

Newlab Go App features (* depending on the device only some functions may be available)

Dimmer management at 1 or 4 channels with different modes of operation:
- Mono channel
- 4 synchronized channels
- RGB (3 channels or 3 zones)
- RGB + White (4 channels or 4 zones)
- Dynamic White

The dimming level is saved when the app is closed or the devices are disconnected from the Bluetooth smartphone.

To reset the password for the Newlab Go APP, press and hold the external control button for 30 seconds.
The default password is 1234.

In order to install the app on your Apple or Android device you need to scan the desired QRCode to be automatically redirected to the product data sheet of the Newlab Go application.
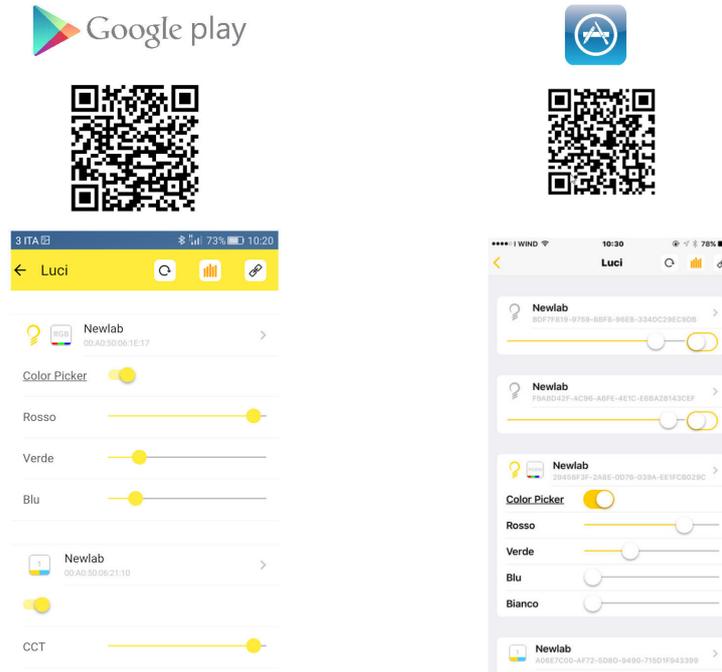
As an alternative you can download the app by clicking on one of two links below:

Apple:

https://itunes.apple.com/it/app/newlab-go/id1151044984?mt=8

Android:

https://play.google.com/store/apps/details?id=com.newlablight.newlabgo

There is also a video guide on YouTube at the following link:

https://www.youtube.com/watch?v=R0c7MLK7Cbc

There is also a video guide on YouTube at the following link:

https://www.youtube.com/watch?v=R0c7MLK7Cbc

HOW TO PLACE PROGRAMMER CORRECTLY
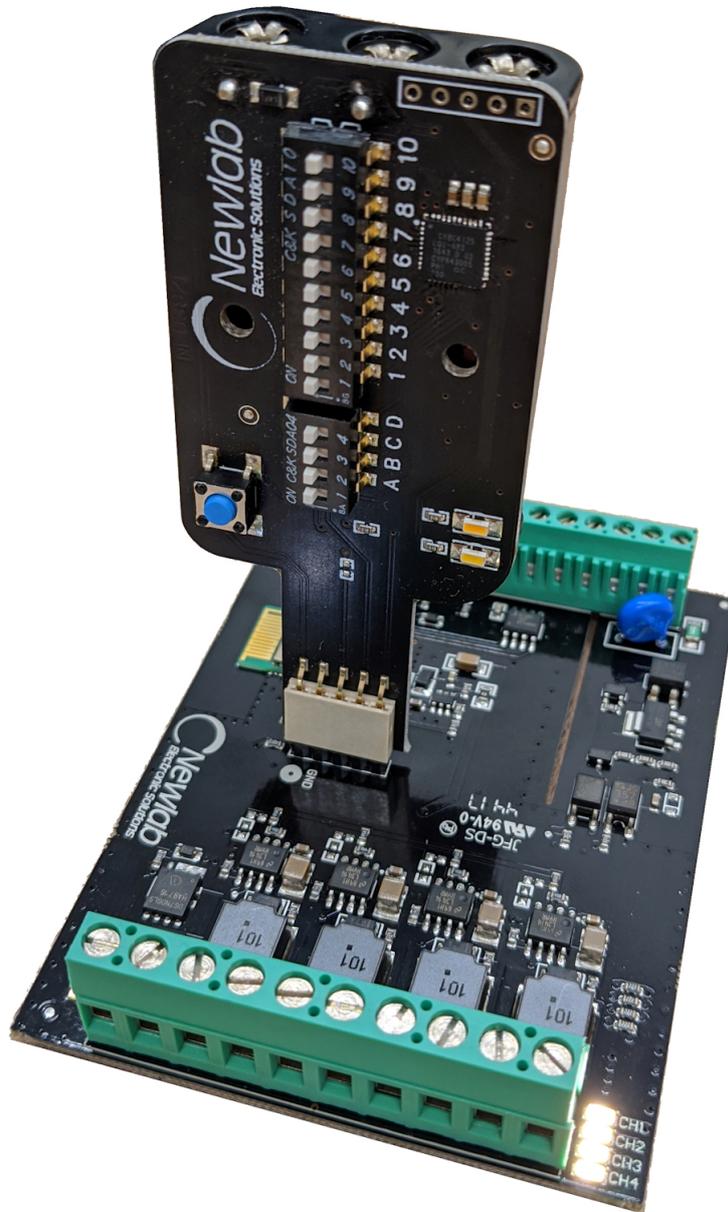
PARAMETERS CONFIGURATION

CLICK ON THE WANTED CONFIGURATION TO VIEW PROGRAMMER IMAGE

Reset														
Configuration	A	B	C	D	1	2	3	4	5	6	7	8	9	10
Reset	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON

Dimming Curve														
Configuration	A	B	C	D	1	2	3	4	5	6	7	8	9	10
Logarithmic	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Linear	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON

Fade														
Configuration	A	B	C	D	1	2	3	4	5	6	7	8	9	10
Fade Off	OFF	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Fade On	OFF	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON

Change Mode														
Configuration	A	B	C	D	1	2	3	4	5	6	7	8	9	10
Input Slave DMX-512/RDM 4 channels	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Input Slave DMX-512/RDM 4 channels with parameter settings	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON
Input Slave DMX-512/RDM single channel	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
Input Slave DMX-512/RDM single channel with parameter settings	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON
Input DALI 4 channels	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF
Input DALI single channel	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	ON
Input PUSH (NOT ISOLATED) 4 independent channels + Bluetooth	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	OFF
Input PUSH (ISOLATED) single channel + Bluetooth	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	ON
Input Linear Potentiometer (100KOhm), 0-10V, 1-10V 4 independent channels	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF	OFF
Standalone Show Generator with transmission control over DMX-512 bus	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF	ON

Current														
Configuration	A	B	C	D	1	2	3	4	5	6	7	8	9	10
170 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
182 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON
195 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
210 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON
222 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF
235 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	ON
250 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	OFF
260 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	ON
270 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF	OFF
290 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF	ON
300 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	ON	OFF
315 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	ON	ON
330 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	OFF	OFF

Newlab
Electronic Solutions

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
345 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	OFF	ON
355 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	ON	OFF
370 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	ON	ON
385 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF
395 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF	OFF	ON
410 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF	ON	OFF
425 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF	ON	ON
438 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	ON	OFF	OFF
450 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	ON	OFF	ON
465 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	ON	ON	OFF
480 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	ON	ON	ON
490 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	OFF	OFF	OFF
500 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	OFF	OFF	ON
515 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	OFF	ON	OFF
530 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	OFF	ON	ON
545 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	ON	OFF	OFF
560 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	ON	OFF	ON
575 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	ON	ON	OFF
585 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	ON	ON	ON
600 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF
615 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF	ON
626 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF	OFF	ON	OFF
640 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF	OFF	ON	ON
653 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF	ON	OFF	OFF
667 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF	ON	OFF	ON
680 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF	ON	ON	OFF
694 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF	ON	ON	ON
707 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	ON	OFF	OFF	OFF
721 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	ON	OFF	OFF	ON
734 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	ON	OFF	ON	OFF
748 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	ON	OFF	ON	ON
761 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	ON	ON	OFF	OFF
775 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	ON	ON	OFF	ON
788 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	ON	ON	ON	OFF
802 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	ON	ON	ON	ON
815 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	OFF	OFF	OFF	OFF
829 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	OFF	OFF	OFF	ON
840 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	OFF	OFF	ON	OFF
855 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	OFF	OFF	ON	ON
870 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	OFF	ON	OFF	OFF
880 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	OFF	ON	OFF	ON
895 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	OFF	ON	ON	OFF
910 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	OFF	ON	ON	ON
920 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	ON	OFF	OFF	OFF
935 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	ON	OFF	OFF	ON
950 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	ON	OFF	ON	OFF
965 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	ON	OFF	ON	ON
975 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	ON	ON	OFF	OFF
990 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	ON	ON	OFF	ON
1020 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	ON	ON	ON	OFF
1050 mA	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	ON	ON	ON	ON

Newlab
Electronic Solutions

DMX Address														
Configuration	A	B	C	D	1	2	3	4	5	6	7	8	9	10
Address 1	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Address 2	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Address 3	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Address 4	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Address 5	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Address 6	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Address 7	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Address 8	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF
Address 9	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF
Address 10	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF
Address 11	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF
Address 12	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF
Address 13	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF
Address 14	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF
Address 15	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF
Address 16	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF
Address 17	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF
Address 18	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF
Address 19	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF
Address 20	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF
Address 21	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF
Address 22	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF
Address 23	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF
Address 24	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF
Address 25	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF
Address 26	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF
Address 27	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF
Address 28	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	OFF	OFF	OFF	OFF	OFF
Address 29	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	OFF	OFF	OFF	OFF	OFF
Address 30	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF
Address 31	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF
Address 32	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF
Address 33	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF
Address 34	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF
Address 35	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF
Address 36	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	ON	OFF	OFF	OFF	OFF
Address 37	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	OFF	OFF
Address 38	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	OFF	OFF	OFF
Address 39	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	ON	OFF	OFF	OFF	OFF
Address 40	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF
Address 41	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF
Address 42	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF
Address 43	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF
Address 44	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	ON	OFF	OFF	OFF	OFF
Address 45	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	ON	OFF	OFF	OFF	OFF
Address 46	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	OFF	OFF	OFF
Address 47	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	ON	OFF	OFF	OFF	OFF
Address 48	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	ON	OFF	OFF	OFF	OFF
Address 49	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	ON	OFF	OFF	OFF	OFF

Newlab
Electronic Solutions

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Address 50	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	OFF	OFF	OFF
Address 51	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	ON	OFF	OFF	OFF	OFF
Address 52	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF
Address 53	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF
Address 54	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	OFF	OFF	OFF
Address 55	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	ON	OFF	OFF	OFF	OFF
Address 56	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	ON	OFF	OFF	OFF	OFF
Address 57	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	ON	OFF	OFF	OFF	OFF
Address 58	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	OFF
Address 59	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	ON	OFF	OFF	OFF	OFF
Address 60	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	ON	OFF	OFF	OFF	OFF
Address 61	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	ON	OFF	OFF	OFF	OFF
Address 62	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF
Address 63	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF
Address 64	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF	OFF
Address 65	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF	OFF
Address 66	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	OFF	OFF	OFF
Address 67	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	OFF	ON	OFF	OFF	OFF
Address 68	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	OFF	ON	OFF	OFF	OFF
Address 69	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	OFF	OFF
Address 70	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	OFF	OFF	OFF
Address 71	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	OFF	ON	OFF	OFF	OFF
Address 72	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	OFF	ON	OFF	OFF	OFF
Address 73	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	OFF	ON	OFF	OFF	OFF
Address 74	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	OFF
Address 75	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	OFF
Address 76	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	OFF	ON	OFF	OFF	OFF
Address 77	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	OFF	ON	OFF	OFF	OFF
Address 78	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	OFF	OFF	OFF
Address 79	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	OFF	ON	OFF	OFF	OFF
Address 80	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	OFF	ON	OFF	OFF	OFF
Address 81	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	OFF	ON	OFF	OFF	OFF
Address 82	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	OFF	OFF	OFF
Address 83	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	OFF	ON	OFF	OFF	OFF
Address 84	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF
Address 85	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF
Address 86	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	OFF	OFF	OFF
Address 87	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	OFF	ON	OFF	OFF	OFF
Address 88	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	OFF	ON	OFF	OFF	OFF
Address 89	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	OFF	ON	OFF	OFF	OFF
Address 90	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	OFF
Address 91	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	OFF	ON	OFF	OFF	OFF
Address 92	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	OFF	ON	OFF	OFF	OFF
Address 93	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	OFF	ON	OFF	OFF	OFF
Address 94	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	OFF	OFF	OFF
Address 95	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	OFF	ON	OFF	OFF	OFF
Address 96	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	ON	ON	OFF	OFF	OFF
Address 97	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	ON	ON	OFF	OFF	OFF
Address 98	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	OFF	OFF	OFF
Address 99	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	ON	ON	OFF	OFF	OFF
Address 100	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	ON	ON	OFF	OFF	OFF

Newlab
Electronic Solutions

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Address 101	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	ON	ON	OFF	OFF	OFF
Address 102	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	OFF	OFF	OFF
Address 103	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	ON	ON	OFF	OFF	OFF
Address 104	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	ON	ON	OFF	OFF	OFF
Address 105	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	ON	ON	OFF	OFF	OFF
Address 106	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	OFF
Address 107	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	ON	ON	OFF	OFF	OFF
Address 108	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	ON	ON	OFF	OFF	OFF
Address 109	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	ON	ON	OFF	OFF	OFF
Address 110	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	OFF	OFF	OFF
Address 111	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	ON	ON	OFF	OFF	OFF
Address 112	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	ON	ON	OFF	OFF	OFF
Address 113	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	ON	ON	OFF	OFF	OFF
Address 114	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	OFF	OFF	OFF
Address 115	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	ON	ON	OFF	OFF	OFF
Address 116	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF
Address 117	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF
Address 118	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	OFF	OFF	OFF
Address 119	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	ON	ON	OFF	OFF	OFF
Address 120	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	ON	ON	OFF	OFF	OFF
Address 121	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	ON	ON	OFF	OFF	OFF
Address 122	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	OFF
Address 123	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	ON	ON	OFF	OFF	OFF
Address 124	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	ON	ON	OFF	OFF	OFF
Address 125	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	ON	ON	OFF	OFF	OFF
Address 126	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF
Address 127	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF
Address 128	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF
Address 129	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF
Address 130	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF
Address 131	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF
Address 132	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	OFF	OFF	ON	OFF	OFF
Address 133	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	OFF	OFF
Address 134	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	ON	OFF	OFF
Address 135	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	OFF	OFF	ON	OFF	OFF
Address 136	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	OFF	OFF	ON	OFF	OFF
Address 137	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	OFF	OFF	ON	OFF	OFF
Address 138	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	OFF
Address 139	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	OFF
Address 140	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	OFF	OFF	ON	OFF	OFF
Address 141	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	OFF	OFF	ON	OFF	OFF
Address 142	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	ON	OFF	OFF
Address 143	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	OFF	OFF	ON	OFF	OFF
Address 144	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	OFF	OFF	ON	OFF	OFF
Address 145	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	OFF	OFF	ON	OFF	OFF
Address 146	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	ON	OFF	OFF
Address 147	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	OFF	OFF	ON	OFF	OFF
Address 148	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF
Address 149	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF
Address 150	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	ON	OFF	OFF
Address 151	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	OFF	OFF	ON	OFF	OFF

Newlab
Electronic Solutions

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Address 152	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	OFF	OFF	ON	OFF	OFF
Address 153	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	OFF	OFF	ON	OFF	OFF
Address 154	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	OFF
Address 155	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	OFF	OFF	ON	OFF	OFF
Address 156	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	OFF	OFF	ON	OFF	OFF
Address 157	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	OFF	OFF	ON	OFF	OFF
Address 158	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	ON	OFF	OFF
Address 159	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	OFF	OFF	ON	OFF	OFF
Address 160	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF	ON	OFF	OFF
Address 161	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	ON	OFF	ON	OFF	OFF
Address 162	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	ON	OFF	OFF
Address 163	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	ON	OFF	ON	OFF	OFF
Address 164	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	ON	OFF	ON	OFF	OFF
Address 165	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	ON	OFF	ON	OFF	OFF
Address 166	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	ON	OFF	OFF
Address 167	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	ON	OFF	ON	OFF	OFF
Address 168	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	ON	OFF	ON	OFF	OFF
Address 169	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	ON	OFF	ON	OFF	OFF
Address 170	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	OFF
Address 171	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	ON	OFF	ON	OFF	OFF
Address 172	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	ON	OFF	ON	OFF	OFF
Address 173	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	ON	OFF	ON	OFF	OFF
Address 174	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	ON	OFF	OFF
Address 175	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	ON	OFF	ON	OFF	OFF
Address 176	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	ON	OFF	ON	OFF	OFF
Address 177	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	ON	OFF	ON	OFF	OFF
Address 178	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	ON	OFF	OFF
Address 179	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	ON	OFF	ON	OFF	OFF
Address 180	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF
Address 181	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF
Address 182	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	ON	OFF	OFF
Address 183	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	ON	OFF	ON	OFF	OFF
Address 184	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	ON	OFF	ON	OFF	OFF
Address 185	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	ON	OFF	ON	OFF	OFF
Address 186	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	OFF
Address 187	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	ON	OFF	ON	OFF	OFF
Address 188	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	ON	OFF	ON	OFF	OFF
Address 189	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	ON	OFF	ON	OFF	OFF
Address 190	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	ON	OFF	OFF
Address 191	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	ON	OFF	ON	OFF	OFF
Address 192	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	OFF	OFF
Address 193	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	ON	ON	OFF	OFF
Address 194	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	ON	OFF	OFF
Address 195	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	OFF	ON	ON	OFF	OFF
Address 196	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	OFF	ON	ON	OFF	OFF
Address 197	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	OFF	ON	ON	OFF	OFF
Address 198	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	ON	OFF	OFF
Address 199	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	OFF	ON	ON	OFF	OFF
Address 200	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	OFF	ON	ON	OFF	OFF
Address 201	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	OFF	ON	ON	OFF	OFF
Address 202	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	OFF

Newlab
Electronic Solutions

Address	1	2	3	4	5	6	7	8	9	10	11	12	13
Address 203	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	OFF	ON	ON	OFF	OFF
Address 204	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	OFF	ON	ON	OFF	OFF
Address 205	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	OFF	ON	ON	OFF	OFF
Address 206	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	ON	OFF	OFF
Address 207	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	OFF	ON	ON	OFF	OFF
Address 208	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	OFF	ON	ON	OFF	OFF
Address 209	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	OFF	ON	ON	OFF	OFF
Address 210	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	ON	OFF	OFF
Address 211	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	OFF	ON	ON	OFF	OFF
Address 212	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF
Address 213	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF
Address 214	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	ON	OFF	OFF
Address 215	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	OFF	ON	ON	OFF	OFF
Address 216	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	OFF	ON	ON	OFF	OFF
Address 217	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	OFF	ON	ON	OFF	OFF
Address 218	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	OFF
Address 219	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	OFF	ON	ON	OFF	OFF
Address 220	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	OFF	ON	ON	OFF	OFF
Address 221	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	OFF	ON	ON	OFF	OFF
Address 222	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	ON	OFF	OFF
Address 223	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	OFF	ON	ON	OFF	OFF
Address 224	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	ON	ON	ON	OFF	OFF
Address 225	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	ON	ON	ON	OFF	OFF
Address 226	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	ON	OFF	OFF
Address 227	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	ON	ON	ON	OFF	OFF
Address 228	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	ON	ON	ON	OFF	OFF
Address 229	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	ON	ON	ON	OFF	OFF
Address 230	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	ON	OFF	OFF
Address 231	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	ON	ON	ON	OFF	OFF
Address 232	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	ON	ON	ON	OFF	OFF
Address 233	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	ON	ON	ON	OFF	OFF
Address 234	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	OFF
Address 235	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	ON	ON	ON	OFF	OFF
Address 236	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	ON	ON	ON	OFF	OFF
Address 237	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	ON	ON	ON	OFF	OFF
Address 238	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	ON	OFF	OFF
Address 239	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	ON	ON	ON	OFF	OFF
Address 240	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	ON	ON	ON	OFF	OFF
Address 241	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	ON	ON	ON	OFF	OFF
Address 242	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	ON	OFF	OFF
Address 243	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	ON	ON	ON	OFF	OFF
Address 244	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF
Address 245	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF
Address 246	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	ON	OFF	OFF
Address 247	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	ON	ON	ON	OFF	OFF
Address 248	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	ON	ON	ON	OFF	OFF
Address 249	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	ON	ON	ON	OFF	OFF
Address 250	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	OFF
Address 251	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	ON	ON	ON	OFF	OFF
Address 252	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	ON	ON	ON	OFF	OFF
Address 253	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	ON	ON	ON	OFF	OFF

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Address 254	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	ON	OFF	OFF
Address 255	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF
Address 256	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
Address 257	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
Address 258	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
Address 259	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
Address 260	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF
Address 261	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF
Address 262	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF
Address 263	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF
Address 264	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF	ON	OFF
Address 265	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	OFF	OFF	OFF	ON	OFF
Address 266	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	OFF
Address 267	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	OFF
Address 268	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	OFF	OFF	OFF	ON	OFF
Address 269	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	ON	OFF
Address 270	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	OFF	ON	OFF
Address 271	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	ON	OFF
Address 272	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	OFF	OFF	OFF	ON	OFF
Address 273	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	OFF	OFF	OFF	ON	OFF
Address 274	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	OFF	ON	OFF
Address 275	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	OFF	OFF	OFF	ON	OFF
Address 276	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
Address 277	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
Address 278	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
Address 279	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
Address 280	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	OFF	OFF	OFF	ON	OFF
Address 281	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	OFF	OFF	OFF	ON	OFF
Address 282	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	OFF
Address 283	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	OFF	OFF	OFF	ON	OFF
Address 284	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	OFF	OFF	OFF	ON	OFF
Address 285	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	OFF	OFF	OFF	ON	OFF
Address 286	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	OFF	ON	OFF
Address 287	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	ON	OFF
Address 288	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF	ON	OFF
Address 289	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	ON	OFF	OFF	ON	OFF
Address 290	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	OFF	ON	OFF
Address 291	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	ON	OFF	OFF	ON	OFF
Address 292	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	ON	OFF	OFF	ON	OFF
Address 293	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	ON	OFF
Address 294	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	OFF	ON	OFF
Address 295	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	ON	OFF	OFF	ON	OFF
Address 296	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	ON	OFF	OFF	ON	OFF
Address 297	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	ON	OFF	OFF	ON	OFF
Address 298	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	OFF
Address 299	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	ON	OFF	OFF	ON	OFF
Address 300	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	ON	OFF	OFF	ON	OFF
Address 301	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	ON	OFF	OFF	ON	OFF
Address 302	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	OFF	ON	OFF
Address 303	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	ON	OFF	OFF	ON	OFF
Address 304	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	ON	OFF	OFF	ON	OFF

Newlab
Electronic Solutions

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Address 305	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	ON	OFF	OFF	ON	OFF
Address 306	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	OFF	ON	OFF
Address 307	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	ON	OFF	OFF	ON	OFF
Address 308	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF
Address 309	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF
Address 310	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	OFF	ON	OFF
Address 311	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	ON	OFF	OFF	ON	OFF
Address 312	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	ON	OFF	OFF	ON	OFF
Address 313	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	ON	OFF	OFF	ON	OFF
Address 314	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	OFF
Address 315	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	ON	OFF	OFF	ON	OFF
Address 316	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	ON	OFF	OFF	ON	OFF
Address 317	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	ON	OFF	OFF	ON	OFF
Address 318	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	OFF	ON	OFF
Address 319	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	ON	OFF
Address 320	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	ON	OFF
Address 321	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF	ON	OFF
Address 322	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	OFF	ON	OFF
Address 323	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	OFF	ON	OFF	ON	OFF
Address 324	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	OFF	ON	OFF	ON	OFF
Address 325	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	ON	OFF
Address 326	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	OFF	ON	OFF
Address 327	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	OFF	ON	OFF	ON	OFF
Address 328	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	OFF	ON	OFF	ON	OFF
Address 329	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	OFF	ON	OFF	ON	OFF
Address 330	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	OFF
Address 331	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	OFF	ON	OFF	ON	OFF
Address 332	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	OFF	ON	OFF	ON	OFF
Address 333	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	OFF	ON	OFF	ON	OFF
Address 334	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	OFF	ON	OFF
Address 335	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	OFF	ON	OFF	ON	OFF
Address 336	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	OFF	ON	OFF	ON	OFF
Address 337	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	OFF	ON	OFF	ON	OFF
Address 338	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	OFF	ON	OFF
Address 339	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	OFF	ON	OFF	ON	OFF
Address 340	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF
Address 341	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF
Address 342	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	OFF	ON	OFF
Address 343	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	OFF	ON	OFF	ON	OFF
Address 344	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	OFF	ON	OFF	ON	OFF
Address 345	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	OFF	ON	OFF	ON	OFF
Address 346	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	OFF
Address 347	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	OFF	ON	OFF	ON	OFF
Address 348	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	OFF	ON	OFF	ON	OFF
Address 349	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	OFF	ON	OFF	ON	OFF
Address 350	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	OFF	ON	OFF
Address 351	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	OFF	ON	OFF	ON	OFF
Address 352	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	ON	ON	OFF	ON	OFF
Address 353	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	ON	ON	OFF	ON	OFF
Address 354	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	OFF	ON	OFF
Address 355	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	ON	ON	OFF	ON	OFF

Newlab
Electronic Solutions

Address 356	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	ON	ON	OFF	ON	OFF
Address 357	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	ON	ON	OFF	ON	OFF
Address 358	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	OFF	ON	OFF
Address 359	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	ON	ON	OFF	ON	OFF
Address 360	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	ON	ON	OFF	ON	OFF
Address 361	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	ON	ON	OFF	ON	OFF
Address 362	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	OFF
Address 363	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	ON	ON	OFF	ON	OFF
Address 364	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	ON	ON	OFF	ON	OFF
Address 365	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	ON	ON	OFF	ON	OFF
Address 366	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	OFF	ON	OFF
Address 367	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	ON	ON	OFF	ON	OFF
Address 368	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	ON	ON	OFF	ON	OFF
Address 369	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	ON	ON	OFF	ON	OFF
Address 370	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	OFF	ON	OFF
Address 371	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	ON	ON	OFF	ON	OFF
Address 372	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF
Address 373	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF
Address 374	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	OFF	ON	OFF
Address 375	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	ON	ON	OFF	ON	OFF
Address 376	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	ON	ON	OFF	ON	OFF
Address 377	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	ON	ON	OFF	ON	OFF
Address 378	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	OFF
Address 379	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	ON	ON	OFF	ON	OFF
Address 380	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	ON	ON	OFF	ON	OFF
Address 381	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	ON	ON	OFF	ON	OFF
Address 382	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	OFF	ON	OFF
Address 383	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	ON	ON	OFF	ON	OFF
Address 384	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	OFF
Address 385	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	OFF
Address 386	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	ON	ON	OFF
Address 387	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	ON	ON	OFF
Address 388	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	OFF	OFF	ON	ON	OFF
Address 389	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	ON	OFF
Address 390	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	ON	ON	OFF
Address 391	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	OFF	OFF	ON	ON	OFF
Address 392	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	OFF	OFF	ON	ON	OFF
Address 393	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	OFF	OFF	ON	ON	OFF
Address 394	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	OFF
Address 395	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	OFF	OFF	ON	ON	OFF
Address 396	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	OFF	OFF	ON	ON	OFF
Address 397	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	OFF	OFF	ON	ON	OFF
Address 398	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	ON	ON	OFF
Address 399	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	OFF	OFF	ON	ON	OFF
Address 400	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	OFF	OFF	ON	ON	OFF
Address 401	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	OFF	OFF	ON	ON	OFF
Address 402	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	ON	ON	OFF
Address 403	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	OFF	OFF	ON	ON	OFF
Address 404	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF
Address 405	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF
Address 406	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	ON	ON	OFF

Newlab
Electronic Solutions

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Address 407	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	OFF	OFF	ON	ON	OFF
Address 408	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	OFF	OFF	ON	ON	OFF
Address 409	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	OFF	OFF	ON	ON	OFF
Address 410	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	OFF
Address 411	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	OFF	OFF	ON	ON	OFF
Address 412	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	OFF	OFF	ON	ON	OFF
Address 413	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	OFF	OFF	ON	ON	OFF
Address 414	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	ON	ON	OFF
Address 415	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	OFF	OFF	ON	ON	OFF
Address 416	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF	ON	ON	OFF
Address 417	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	ON	OFF	ON	ON	OFF
Address 418	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	ON	ON	OFF
Address 419	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	ON	OFF	ON	ON	OFF
Address 420	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	ON	OFF	ON	ON	OFF
Address 421	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	ON	OFF	ON	ON	OFF
Address 422	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	ON	ON	OFF
Address 423	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	ON	OFF	ON	ON	OFF
Address 424	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	ON	OFF	ON	ON	OFF
Address 425	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	ON	OFF	ON	ON	OFF
Address 426	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	OFF
Address 427	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	ON	OFF	ON	ON	OFF
Address 428	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	ON	OFF	ON	ON	OFF
Address 429	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	ON	OFF	ON	ON	OFF
Address 430	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	ON	ON	OFF
Address 431	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	ON	OFF	ON	ON	OFF
Address 432	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	ON	OFF	ON	ON	OFF
Address 433	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	ON	OFF	ON	ON	OFF
Address 434	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	ON	ON	OFF
Address 435	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	ON	OFF	ON	ON	OFF
Address 436	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF
Address 437	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF
Address 438	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	ON	ON	OFF
Address 439	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	ON	OFF	ON	ON	OFF
Address 440	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	ON	OFF	ON	ON	OFF
Address 441	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	ON	OFF	ON	ON	OFF
Address 442	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	OFF
Address 443	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	ON	OFF	ON	ON	OFF
Address 444	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	ON	OFF	ON	ON	OFF
Address 445	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	ON	OFF	ON	ON	OFF
Address 446	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	ON	ON	OFF
Address 447	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	ON	OFF	ON	ON	OFF
Address 448	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	ON	OFF
Address 449	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	ON	ON	ON	OFF
Address 450	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	ON	ON	OFF
Address 451	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	OFF	ON	ON	ON	OFF
Address 452	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	OFF	ON	ON	ON	OFF
Address 453	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	OFF	ON	ON	ON	OFF
Address 454	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	ON	ON	OFF
Address 455	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	OFF	ON	ON	ON	OFF
Address 456	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	OFF	ON	ON	ON	OFF
Address 457	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	OFF	ON	ON	ON	OFF

Newlab
Electronic Solutions

Address 458	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	OFF
Address 459	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	OFF	ON	ON	ON	OFF
Address 460	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	OFF	ON	ON	ON	OFF
Address 461	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	OFF	ON	ON	ON	OFF
Address 462	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	ON	ON	OFF
Address 463	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	OFF	ON	ON	ON	OFF
Address 464	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	OFF	ON	ON	ON	OFF
Address 465	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	OFF	ON	ON	ON	OFF
Address 466	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	ON	ON	OFF
Address 467	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	OFF	ON	ON	ON	OFF
Address 468	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF
Address 469	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF
Address 470	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	ON	ON	OFF
Address 471	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	OFF	ON	ON	ON	OFF
Address 472	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	OFF	ON	ON	ON	OFF
Address 473	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	OFF	ON	ON	ON	OFF
Address 474	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	OFF
Address 475	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	OFF	ON	ON	ON	OFF
Address 476	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	OFF	ON	ON	ON	OFF
Address 477	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	OFF	ON	ON	ON	OFF
Address 478	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	ON	ON	OFF
Address 479	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	OFF	ON	ON	ON	OFF
Address 480	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	ON	ON	ON	ON	OFF
Address 481	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	ON	ON	ON	ON	OFF
Address 482	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	ON	ON	OFF
Address 483	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	ON	ON	ON	ON	OFF
Address 484	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	ON	ON	ON	ON	OFF
Address 485	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	ON	ON	ON	ON	OFF
Address 486	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	ON	ON	OFF
Address 487	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	ON	ON	ON	ON	OFF
Address 488	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	ON	ON	ON	ON	OFF
Address 489	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	ON	ON	ON	ON	OFF
Address 490	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	OFF
Address 491	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	ON	ON	ON	ON	OFF
Address 492	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	ON	ON	ON	ON	OFF
Address 493	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	ON	ON	ON	ON	OFF
Address 494	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	ON	ON	OFF
Address 495	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	ON	ON	ON	ON	OFF
Address 496	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	ON	ON	ON	ON	OFF
Address 497	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	ON	ON	ON	ON	OFF
Address 498	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	ON	ON	OFF
Address 499	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	ON	ON	ON	ON	OFF
Address 500	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF
Address 501	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF
Address 502	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	ON	ON	OFF
Address 503	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	ON	ON	ON	ON	OFF
Address 504	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	ON	ON	ON	ON	OFF
Address 505	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	ON	ON	ON	ON	OFF
Address 506	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	OFF
Address 507	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	ON	ON	ON	ON	OFF
Address 508	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	ON	ON	ON	ON	OFF

Newlab
Electronic Solutions

Address 509	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	ON	ON	ON	ON	OFF
Address 510	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	ON	ON	OFF
Address 511	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF
Address 512	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON