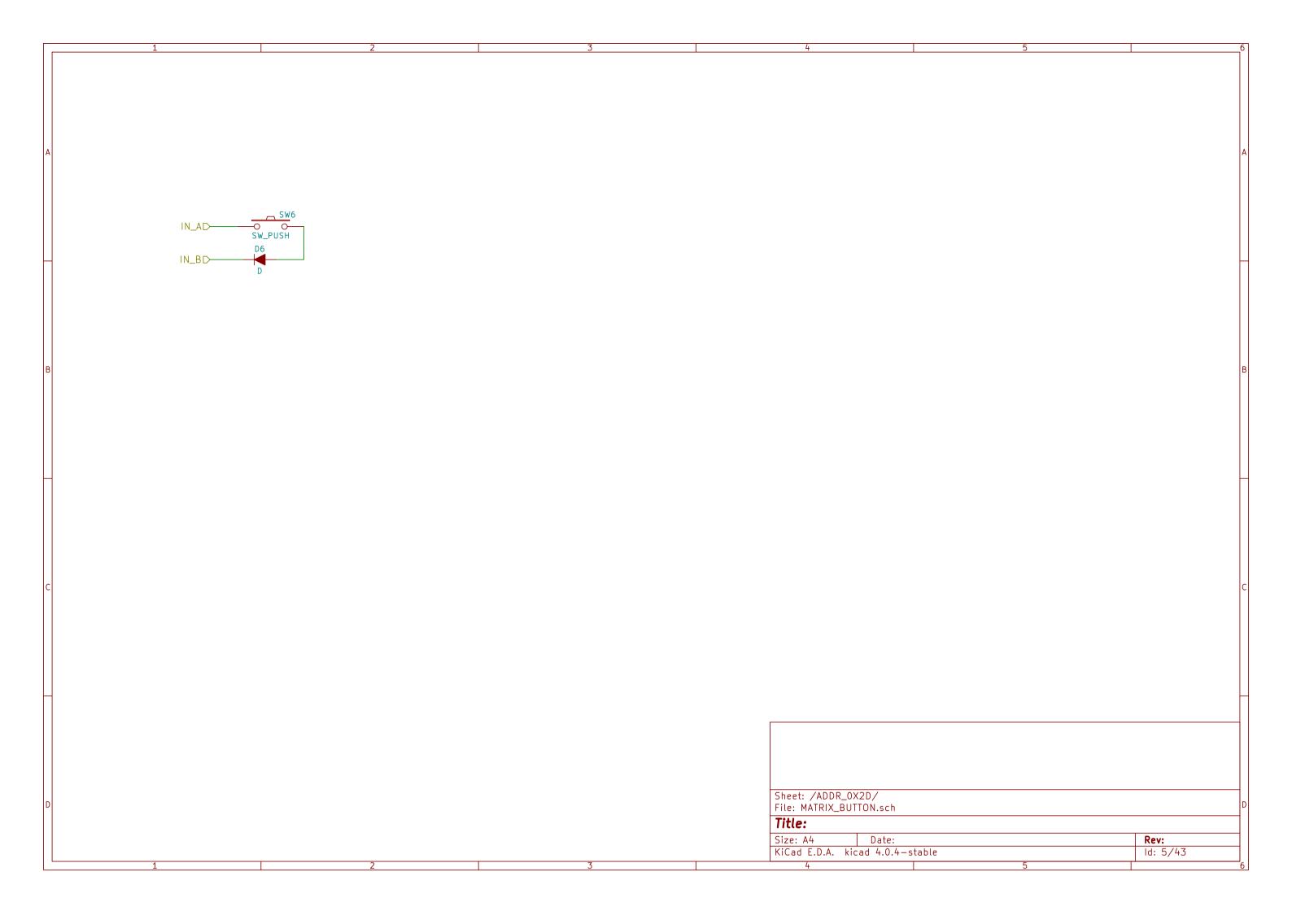


	4			7			<u>-</u>	
	1		2 .)		4	5	
		→ SW2						
	IN_AD-	SW2 V_PUSH						
	SV	V_PUSH						
	IN_BD	2						
	IN_BD							
	L							
В								
c								
H								
					Г			
						Sheet: /ADDR DY20/		
D						Sheet: /ADDR_0X20/ File: MATRIX_BUTTON.sch		
						Title:		
								T 5
						Size: A4 Date:		Rev:
	1		2 -	7		KiCad E.D.A. kicad 4.0.4—stable	5	ld: 3/43
	1			J		<u> </u>	J	

_		1		7		<u> </u>	4	5	<u> </u>	
١		•					,			T
Α										
		=	SW3 V_PUSH							
		IN_AD SV	v_PUSH							
		D	3							
		IN_B D								-
		L	,							
В										1
اے										
										- ['
Ц										
										\dashv
							Charle (ADDD OV4 O /			\downarrow
D							Sheet: /ADDR_0X10/ File: MATRIX_BUTTON.sch			
							Title:			\dashv
									Rev:	\dashv
							Size: A4 Date: KiCad E.D.A. kicad 4.0.4—stable		Rev:	\dashv
L	:	1		2	5		4	5		



					7			ı	_
$ \; \vdash$	1		•	2 3)	4	5		٦
									1
									ľ
			SW7						
		IN_AD-	<u> </u>						
		SW	_PUSH						
		IN_B D							
		IN_DL/	SW7 C_PUSH						ľ
									1
									1.
В									
									t
C									1
Н									t
									1
						Sheet: /ADDR_0X2C/ File: MATRIX_BUTTON.sch			1
D						File: MATRIX_BUTTON.sch			ال
						Title:			1
						Size: A4 Date:		Rev:	1
						KiCad E.D.A. kicad 4.0.4—stable		ld: 6/43	1
L				2 3	3	 4	5	<u> </u>	<u>ا</u>
						<u> </u>			_

					2		-		_
Ιг	1	.		2 3		4	5		٦
									١.
									ľ
			☐ SW8						
		IN_AD-	SW8 /_PUSH						
		SW	_PUSH						
		IN_B D	3						
П		IN_BD D							ľ
].
В									ľ
									t
С									1
Н									十
									1
									1
						Sheet: /ADDR_0X2B/			1
D						Sheet: /ADDR_0X2B/ File: MATRIX_BUTTON.sch			- 1
						Title:			1
						Size: A4 Date:		Rev:	+
						KiCad E.D.A. kicad 4.0.4—stable		ld: 7/43	\exists
	1			2 3	3	4	5	, , ,	\perp_{ϵ}
		- 1			-	· · ·	-	·	_

	4	T	3	7			<u>-</u>		_
	1		Ζ ,			4	5		٦
									ľ
		_ SW9							
	IN_AD-	SW9 W_PUSH							
	SI	W_PUSH							
	D 14	9							
	IN_BD	9							t
	·	•							
В									- 1
									H
c									1
Н									+
					Г				+
					-	Sheet: /ADDR 0Y2A/			+
D						Sheet: /ADDR_0X2A/ File: MATRIX_BUTTON.sch			ļ
					-	Title:			+
								T 5	4
					-	Size: A4 Date:		Rev:	4
	1	T	2 -	X		KiCad E.D.A. kicad 4.0.4—stable	5	ld: 8/43	ړ
	1	l		J		<u> </u>	J		

1 2 3 4	5
	· · · · · · · · · · · · · · · · · · ·
A	
SW4.0	
IN_AD SW_PUSH	
SW_PUSH D10	
IN_BD D10	
Sheet: /ADD File: MATRIX	R_0X29/
File: MÁTRIX_ Title:	_BUITON.sch
Size: A4	Date: Rev:
KiCad E.D.A.	Date: Rev: kicad 4.0.4-stable Id: 9/43
1 2 3 4	5

	<u> </u>	1		2 3	3		4	5	
	•		•			•	·		
Α									
		_	SW11						
		IN_AD———O	/ PUSH						
		D1	1						
_		IN_BD	—						
		D							
В			SW_PUSH D11 0						
4									
			0.0 2.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0						
С									
				Sheet. /ADSC.0328/ File: VARIX_BJT0N4sch					
			Sheet: /ADDR_DX2B/ File: MATRX_BUTTON.scb						
\dashv									
							Sheet: /ADDR 0X28/		
D							File: MATRIX_BUTTON.sch		
							Title:		
									Rev:
							Size: A4 Date: KiCad E.D.A. kicad 4.0.4—stable		Rev: Id: 10/43
_		1		2	3		4	5	'

1		<u> </u>		3	T	4		5	
	I	2		<u> </u>	1	T		<u> </u>	
Α									
l l	SW1	12							
	LAD O SW_PUSH								
	D12								
IN.	_BD D12								
	-								
В									
c									
\vdash									
						Sheet: /ADDR 0X27/			
D						Sheet: /ADDR_0X27/ File: MATRIX_BUTTON.s	sch		
						Title:			
						Size: A4 Da	te:		Rev:
				7		KiCad E.D.A. kicad 4	.0.4-stable	-	ld: 11/43
1		2	<u> </u>	J		4		כ	

		1			•		I.	<u> </u>		_
Г	1	L	•	2 3	J	<u> </u>	4	5	l	ſ
Α										1
		_	SW13							
		IN_AD————————————————————————————————————	SW13 C_PUSH							
		D1	3							
		IN_BD D1								ŀ
		D								
В										ا
										t
										1
Ц										
										ľ
						Г				$\frac{1}{2}$
										1
D							Sheet: /ADDR_0X26/ File: MATRIX_BUTTON.sch			
							Title:			$\frac{1}{2}$
						_	Size: A4 Date:		Pav.	$\frac{1}{2}$
							KiCad E.D.A. kicad 4.0.4-stable		Rev: ld: 12/43	1
L	1			2 3	3		4	5		<u>ا</u>

	1		2 3	3	4	5	
		•	,		·		
A							
	IN AD	SW14					
	IN_AD C	w_PUSH					
	D	14					
	IN_B D						
В		SW_PUSH D14 D14 D15 D16 D17 D18 D19 D19 D19 D19 D19 D19 D19					
С							
			Sheet: /ADDR_0X25/ File: MATRX_BUTTON.sch				
		Sheet: /ADDR_0X25/ File: MRFRX_SUITON.sch Tittle:					
		Sheet: /ADR_0X75/ Fire: MATR_X_BUTTON.cch					
					Sheet: /ADDR_0X25/		
D					File: MATRIX_BUTTON.sch		
					Size: A4 Date: KiCad E.D.A. kicad 4.0.4—stable		Rev: ld: 13/43
	1	I	2	₹	KiCad E.D.A. kicad 4.0.4—stable	5	ld: 13/43
	<u> </u>	1		J	7	J	<u> </u>

	1	:	2 :	3		4	<u>5</u> T	
		•						
Α								
		SW15						
	IN_AD-	0						
	5 W	V_PUSH						
	IN_BD	.5						
	D							
В								
٦		♥ PUSH PUSH						
С								
		Sneet: /ADDR_DX24/ Fire: MARIX_BUTTON.sch TRE:						
		Sheet: /ADDR_OX24/ File: MARINK_BUTTON.sch Title:						
		Sheet: /ADDR_DX24/ File: MARX_BUTON.sch Title:						
\dashv								
						Sheet: /ADDR 082/1/		
D						File: MATRIX_BUTTON.sch		
						Title:		
								Rev:
						Size: A4 Date: KiCad E.D.A. kicad 4.0.4—stable		Rev: ld: 14/43
	1		2	3		4	5	

1			2	3	4		5	
	L)	_		<u> </u>	
A								
	IN 45	SW16 PUSH						
	IN_AD SW_	PUSH						
	D16							
	N_BD D16							
В								
c								
\vdash								
					Sheet: /ADDR_0X23/			
D					Sheet: /ADDR_0X23/ File: MATRIX_BUTTON.s	ch		
					Title:			
					Size: A4 Da	te:		Rev: ld: 15/43
				•	KiCad E.D.A. kicad 4.	0.4-stable	5	ld: 15/43
1)	4		J	

	1			2 3	<u> </u>	T	4		5		_
				2)		_		<u> </u>		٦
Α											
			SW17								
		IN_AD————————————————————————————————————	/_PUSH								
		D1	.7								
		IN_B D	SW17 OPUSH								ŀ
В											
Ц											ļ
С											-
H											ŀ
											1
							Sheet: /ADDR_0X22/ File: MATRIX_BUTTON.sc				\forall
D							File: MATRIX_BUTTON.sc	ch			╛
							Title:				
							Size: A4 Dat	e:		Rev:	4
	1			2	3	<u> </u>	KiCad E.D.A. kicad 4.0	J.4—Stadle	5	10: 10/43	J
					,	l	7		<u> </u>	l	_

	1	T	2	7				6
	L		2	3	4		5	
A								A
	_	SW18 W_PUSH						
	IN_AD SI	W PUSH						
	D:	18						
H	IN_BD							
	l)						
В								В
C								
D					Sheet: /ADDR_0X21/ File: MATRIX_BUTTON.sch			
					Title:			
					Size: A4 Date:			Rev:
					KiCad E.D.A. kicad 4.0.4	-stable		ld: 17/43
	1		2	3	4		5	

	1		2	3		4	5	
		•			•			
A								
	IN AD	SW21						
	IN_AD C	SW21 O W_PUSH						
	D.	21						
	IN_BD	21						
	,							
D								
В								
С								
-								
						Sheet: /ADDR_0X1D/		
D						Sheet: /ADDR_0X1D/ File: MATRIX_BUTTON.sch		
						Title:		
						Size: A4 Date: KiCad E.D.A. kicad 4.0.4—stable		Rev: ld: 18/43
	1	I	2	₹		KiCad E.D.A. kicad 4.0.4—stable	5	ld: 18/43
	<u> </u>	1		J		7	<u> </u>	<u> </u>

	1		7 3		4	5	
		•			'	<u> </u>	
A							
	_	SW22 /_PUSH					
	IN_AD	/ PUSH					
	D2	2					
	IN_BD D2						
	D						
В							
C							
					Sheet: /ADDR_0X1C/		
D					Sheet: /ADDR_OX1C/ File: MATRIX_BUTTON.sch		
					Title:		
					Size: A4 Date:		Rev:
					KiCad E.D.A. kicad 4.0.4-stable		ld: 19/43
	1		2 3	 	4	5	· .

A	
IN_AD O O SW_PUSH	
IN_AD————————————————————————————————————	
SW_PUSH n23	
IN_BD D23	
В	
Sheet: /ADDR_OX1B/ File: MATRIX_BUTTON.sch	
File: MÁTRIX_BUTTON.sch	
Title:	
Size: A4 Date: KiCad E.D.A. kicad 4.0.4—stable	Rev: ld: 20/43
KiCad E.D.A. kicad 4.0.4-stable	 ld: 20/43

	<u> </u>		2	 3	4		5	6
			_		·			
A								A
		SW24 V_PUSH						
	IN_AD-	V DUCU						
	21	N_PUSH 04						
	IN_BD D2							
В								В
c								
								Ĭ
D					Sheet: /ADDR_0X1A/ File: MATRIX_BUTTON.sch			
					TILL			
					Title:			
					Size: A4 Date: KiCad E.D.A. kicad 4.0.4-s	table		Rev: Id: 21/43
	<u> </u>		2	3	4 Kicad 4.0.4-9	, cable	5	10. 21/ 73

1 2 3	4 5	
	·	
A		
IN_AD————————————————————————————————————		
IN_AD O		
D25		
IN_BD D25		
IN_BL>————————————————————————————————————		
В		
	Sheet: /ADDR_0X19/ File: MATRIX_BUTTON.sch	
	File: MATRIX_BUTTON.sch	
	Title:	
	Size: A4Date:Rev:KiCad E.D.A. kicad 4.0.4-stableId: 22/43	
1 7	KiCad E.D.A. kicad 4.0.4—stable	
<u> </u>		

1		2	3	4		5	
<u> </u>		2	<u>J</u>	т		<u> </u>	
A							
IN A	SW26 SW_PUSH						
IN_A	SW_PUSH						
IN D	D26						
IN_B	D26						
	-						
В							
c							
\vdash							
				Sheet: /ADDR 0X18/			
D				Sheet: /ADDR_0X18/ File: MATRIX_BUTTON.sch			
				Title:			
				Size: A4 Date:			Rev: ld: 23/43
			7	KiCad E.D.A. kicad 4.0.4	-stable	-	ld: 23/43
1		Ζ Ι	<u>)</u>	4		5	

	1		2 3	3	4	5	
						-	
A							
		SW27					
	IN_AD	SW27 V_PUSH					
	SV	V_PUSH					
	IN_B D	27					
	IN_B D						
В							
C							
					Shoot, (ADDD 0V47/		
D					Sheet: /ADDR_0X17/ File: MATRIX_BUTTON.sch		
					Title:		
							Pav
					Size: A4 Date: KiCad E.D.A. kicad 4.0.4—stable		Rev: ld: 24/43
	1		2	3	4	<u>5</u>	10. 2.7 10

	6
	A
SW28	
IN_AD SW_PUSH	
D28	
IN_BD D	
	В
c	
Charle (ADDD OVAC)	
D Sheet: /ADDR_0X16/ File: MATRIX_BUTTON.sch	D
Title:	
	Rev:
KiCad E.D.A. kicad 4.0.4—stable	ld: 25/43
1 2 3 4 5	6

			2 3	3	<u> </u>	4	5	
		•				,	<u> </u>	
A								
	_	SW29 /_PUSH						
	IN_AD————————————————————————————————————	/ PUSH						
	D2	9						
	IN_BD D2							
	D							
В								
\sqcup								
						Sheet: /ADDR_OX15/		
D						Sheet: /ADDR_0X15/ File: MATRIX_BUTTON.sch		
						Title:		
						Size: A4 Date:		Rev:
						KiCad E.D.A. kicad 4.0.4—stable		ld: 26/43
	l e		2 3	3		4	5	

			2		3	4		5	6
				,		·			
A									A
		SW30 O /_PUSH							
	IN_AD-	(DUCH							
	۶۷ 2۸	7_PUSH							
	IN_BD D3								
В									В
c									C
Н									
						Charle (ADDD 0)/4/ /			
D						Sheet: /ADDR_0X14/ File: MATRIX_BUTTON.sch			
						Title:			
						Size: A4 Date:			Rev:
						Size: A4 Date: KiCad E.D.A. kicad 4.0.4-	stable		Rev: Id: 27/43
	1		2		3	4		5	6

1 2 3 4 5	'	
A		
CSW31		
IN_AD SW_PUSH		
SW_PUSH D31		
IN_BD D31		
D D		
В		
Sheet: /ADDR_0X13/ File: MATRIX_BUTTON.sch		
File: MÁTRIX_BUTTON.sch		
Title:		
Size: A4 Date: KiCad E.D.A. kicad 4.0.4—stable		Rev: ld: 28/43
KiCad E.D.A. kicad 4.0.4-stable	-	ld: 28/43

A INAD SW32 SW,PUSH IN_BD D O O O O O O O O O O O O	
IN_AD 00 SW_PUSH 032 IN_BD 0	
IN_AD O O O O O O O O O O O O O O O O O O O	
IN_AD	
IN_AD O O O O O O O O O O O O O O O O O O O	
IN_AD	
IN_AD	
IN_BD D	
D	
В	
В	
В	
B	
	1
Sheet: /ADDR_0X12/ File: MATRIX_BUTTON.sch	
File: MÁTRIX_BUTTOŃ.sch	
Title:	
Size: A4Date:Rev:KiCad E.D.A. kicad 4.0.4-stableId: 2	9/43
KiCad E.D.A. kicad 4.0.4—stable	9/43

	1	2	3	 	4	 5		6
								\exists
Α								
		SW33						
	IN_AD-	SW33 O /_PUSH						
	SV	/_PUSH						
	IN_B D	3						
В								
Н								ŀ
С								
Ц								
				Г				\dashv
					Sheet: /ADDR_0X11/ File: MATRIX_BUTTON.sch			\neg
D					File: MATRIX_BUTTON.sch			\perp
					Title:	 		
					Size: A4 Date:		Rev:	\Box
ΙL	·				KiCad E.D.A. kicad 4.0.4-st	-	ld: 30/43	$ \bot $
	1	2			4	5		6

	 1		2	3	 4	5	
			,				
Α							
	IN_AD-	SW36 O V_PUSH					
	SW	V_PUSH					
	D3	36					
	IN_B D						
<u> </u>							
В							
c							
4							
					Sheet: /ADDR OYOD/		
D					Sheet: /ADDR_0X0D/ File: MATRIX_BUTTON.sch		
					Title:		
							Rev:
					Size: A4 Date: KiCad E.D.A. kicad 4.0.4—stable		Rev: Id: 31/43
	1		2	3	4	5	

	1		7	3	4	5	
		•				<u> </u>	
A							
	_	SW37 /_PUSH					
	IN_AD	/ PUSH					
	D3	7					
	IN_BD D3	—					
	D						
В							
H							
					Sheet: /ADDR_0X0C/ File: MATRIX_BUTTON.sch		
D					File: MATRIX_BUTTON.sch		
					Title:		
					Size: A4 Date:		Rev: 1d: 32/43
					 KiCad E.D.A. kicad 4.0.4—stable		ld: 32/43
			2	3	 4	5	

	1		2	3	4	5	
						-	
A							
		SW38					
	IN_ADC	SW38 W_PUSH					
	S	W_PUSH					
	IN_B D	38					
В							
_							
D					Sheet: /ADDR_0X0B/ File: MATRIX_BUTTON.sch		
					Title:		
							Davis
					Size: A4 Date: KiCad E.D.A. kicad 4.0.4—stable		Rev: ld: 33/43
	1		2	3	Kicad E.D.A. Kicad 4.0.4—Stable	<u>5</u> 1	10. 33/ 43
	_	•			· · · · · · · · · · · · · · · · · · ·	-	

	 		7	<u> </u>	4	5	
		•		,	'	<u> </u>	
A							
	_	SW39 /_PUSH					
	IN_AD	/ PUSH					
	D3	19					
	IN_BD D3						
	D						
В							
C							
					Sheet: /ADDR_OXOA/		
D					Sheet: /ADDR_0X0A/ File: MATRIX_BUTTON.sch		
					Title:		
					Size: A4 Date:		Rev:
					KiCad E.D.A. kicad 4.0.4-stable		Rev: Id: 34/43
			2 3		 4	5	·

	1		7 3	3	4	5 I	
	_	•		,	'	<u> </u>	
A							
		SW40 /_PUSH					
	IN_AD	/ PUSH					
	D4	0					
	IN_BD D4						
В							
\sqcup							
					Sheet: /ADDR_0X09/		
D					Sheet: /ADDR_0X09/ File: MATRIX_BUTTON.sch		
					Title:		
					Size: A4 Date:		Rev:
					KiCad E.D.A. kicad 4.0.4—stable		Rev: ld: 35/43
	1		2 3	3	4	5	'

	1		2 3	3		4	5	
			,		•			
Α								
		_SW41						
	IN_AD-	SW41 V_PUSH						
	SW	V_PUSH						
	IN_BD D4	1						
	IN_BL>							
В								
٦								
С								
_								
						Sheet: /ADDR 0X08/		
D						Sheet: /ADDR_0X08/ File: MATRIX_BUTTON.sch		
						Title:		
								Rev:
						Size: A4 Date: KiCad E.D.A. kicad 4.0.4—stable		Rev: Id: 36/43
	1		2	3		4	5	

A S S S S S S S S S S S S S S S S S S S	
A	
A	
A A	
A	
A	
SW42	
IN_AD O O SW_PUSH	
SW_PUSH	
IN_BD D42	
В	
C	
Sheet: /ADDR_0X07/ File: MATRIX_BUTTON.sch	
File: MÁTRIX_BUTTON.sch	
Title:	
Size: A4 Date: KiCad E.D.A. kicad 4.0.4—stable	Rev: Id: 37/43
KiCad E.D.A. kicad 4.0.4-stable	Id: 3//43
1 2 5	

	<u> </u>		2	;	3	4		5	6
A									ļ.
		SW43							
	IN_AD——O	SW43 V_PUSH							
	D4	+3							
	IN_BD								
D									
В									
c									c
H									
						Sheet: /ADDR_0X06/			
D						Sheet: /ADDR_0X06/ File: MATRIX_BUTTON.sch			
						Title:			
						Size: A4 Date: KiCad E.D.A. kicad 4.0.4-			Rev: Id: 38/43
	1	I	2		*	KiCad E.D.A. kicad 4.0.4-	stable	E .	ld: 38/43
	L	I	۷.		J	"	1	J	0

	<u> </u>	1		2 3	3		4	5	
	•		•			•	·		
Α									
			SW44 O /_PUSH						
		IN_AD——O	/_PUSH						
		D4	.4						
		IN_BD							
В									
c									
_									
							Sheet: /ADDR 0Y05/		
D							Sheet: /ADDR_0X05/ File: MATRIX_BUTTON.sch		
							Title:		
									Rev:
							Size: A4 Date: KiCad E.D.A. kicad 4.0.4—stable		Rev: ld: 39/43
		1		2	3		4	5	

	1		2 3	3		4	5	
			,		•	·		
A								
		SW45						
	IN_AD-	SW45 V_PUSH						
	SV	V_PUSH						
	IN_B D	+5						
	IN_RL>							
D								
В								
С								
_								
D						Sheet: /ADDR_0X04/ File: MATRIX_BUTTON.sch		
						Title.		
						Title:		D
						Size: A4 Date: KiCad E.D.A. kicad 4.0.4—stable		Rev: Id: 40/43
	1		2	3		Kicau E.D.A. Kicau 4.0.4-Stable	<u> </u>	10. 40/ 40
			,		•			

	1		2 3	3		4	5	
			,		•			
A								
		SW46 V_PUSH						
	IN_AD——O	v_PUSH						
	D4	+6						
	IN_BD							
D								
В								
С								
_								
						Sheet: /ADDR_0X03/		
D						Sheet: /ADDR_0X03/ File: MATRIX_BUTTON.sch		
						Title:		
						Size: A4 Date: KiCad E.D.A. kicad 4.0.4—stable		Rev: ld: 41/43
	1	T	2 -	*		KiCad E.D.A. kicad 4.0.4—stable	5	Id: 41/43
	<u> </u>	<u> </u>		,		7	J	<u> </u>

A	
IN_AD	
IN_AD SW47 SW_PUSH D47 IN_BD D47	
IN_AD SW_PUSH IN_BD D47 D	
IN_AD SW47 SW_PUSH D47 IN_BD D47	
IN_AD SW_PUSH IN_BD D47 D	
IN_AD	ļ
IN_BD D47	
c	
c	
c	
c	
c	
c	
c	
Sheet: /ADDR_0X02/ File: MATRIX_BUTTON.sch	
File: MÁTRIX_BUTTOŃ.sch	
Title:	
Size: A4Date:Rev:KiCad E.D.A. kicad 4.0.4-stableId: 42/43	
KiCad E.D.A. kicad 4.0.4-stable	

	1		7 3	<u> </u>	4	5 I	
		•		,	'	<u> </u>	
A							
		SW48 /_PUSH					
	IN_AD Sw	/ PUSH					
	D4	8					
	IN_BD D4	—					
	D						
В							
D							
H							
					Sheet: /ADDR_0X01/ File: MATRIX_BUTTON.sch		
D					File: MATRIX_BUTTON.sch		
					Title:		
					Size: A4 Date:		Rev:
					 KiCad E.D.A. kicad 4.0.4—stable		ld: 43/43
			2		 4	5	