Board S1400_B POT

Connectors description

Connector Traveler:

1	Car Door Series
2	Car Door Series
3	0 VDC
4	+24 VDC
5	Door Zone
6	Interphone
7	Interphone
8	Earth
9	Commun Door1
10	Open Door1
11	Close Door1
12	Commun Door2
13	Open Door2
14	Close Door2
15	Car Light
16	Car Light
17	220 VAC
18	220 VAC
19	Car Safetyes
20	Car Safetyes
21	Auxiliar 1
22	Auxiliar 2
23	Auxiliar 3
24	Auxiliar 4

Connector CAN1:

1	CAN H
2	CAN L
3	SCREEN

Connector CAN2:

1	CAN H
2	CAN L
3	SCREEN

Connector Tel1:

1	Line A
2	Line B
3	SCREEN

Connector Tel2:

1	Line A
2	Line B
3	SCREEN

Connector DC:

1	Fan Relay Supply
2	Light Relay Supply
3	+24 VDC

Connector VEN:

1	220 timed for FAN
2	220 timed for FAN

Connector LTC:

1	L timed for CAR LIGHT
2	N timed for CAR LIGHT

Connector LC: Cabin Light

1	L Car LIGHT
2	N Car LIGHT

Connector Alarm1:

1	L Alarm
2	N Alarm
3	Alarm push button
4	Alarm push button
5	Emergency light +
6	Emergency light -

Connector Alarm2:

1	Alarm push button
2	Alarm push button
3	Emergency light +
4	Emergency light -

Connector 220:

1	Socket
2	NC
3	L
4	NC
5	L
6	NC
7	L
8	NC
9	L
10	NC

Connector RES

1	Traveller 21
2	Traveller 22
3	Traveller 23
4	Traveller 24

Connector SEG:

1	FCA	Overtravel limit
2	FCA	Overtravel limit
1	ACU	Safety gear
2	ACU	Safety gear
1	AFL	Ropes
2	AFL	Ropes
1	GAT	Hook
2	GAT	Hook
1	AUX	Stop
2	AUX	Stop

Dip S1

1	Call erase ON
2	Two access

Fuses

TC = Socket
FLC = Car Light
FLCT = Timed Car Light
FVEN = Fan

Connectors descriptions

Connector SER:

1	Car serie door 1
2	Car serie door 1
3	Car serie door 2
4	Car serie door 2
5	Serie service push button
6	Serie service push button

Connector TIERRA:

1	Earth
2	Earth

Connector INT:

1	Traveller 6
2	Traveller 7

Connector PIL TUM:

1	Lay lever
2	Lay lever

Connector PIL PIE:

1	Stand up lever
2	Stand up lever

Connector BOT:

1	UP
2	DOWN
3	OPEN DOOR
4	SERVICE
5	CLOSE DOOR
6	+24 VDC

Connector S3:

1	0 VDC
2	+24 VDC
3	0 VDC
4	+24 VDC

Connector SC1:

1	Open door push button 2
2	Close door push button 2

*On SC1 should be jumped open and close signals with the same signal on the connector SC if the parameter ACCESS = 1.

Connector SC: Señales de botonera 1

1	Abrir puertas 1
2	Cerrar puertas 1
3	Bombero

Connectors descriptions

Connector SER:

1	Car serie door 1
2	Car serie door 1
3	Car serie door 2
4	Car serie door 2
5	Serie service push button
6	Serie service push button

Connector TIERRA:

1	Earth
2	Earth

Connector INT:

1	Traveller 6
2	Traveller 7

Connector PIL TUM:

1	Lay lever
2	Lay lever

Connector PIL PIE:

1	Stand up lever
2	Stand up lever

Connector BOT:

1	UP
2	DOWN
3	OPEN DOOR
4	SERVICE
5	CLOSE DOOR
6	+24 VDC

Connector S3:

1	0 VDC
2	+24 VDC
3	0 VDC
4	+24 VDC

Connector SC1:

1	Open door push button 2
2	Close door push button 2

*On SC1 should be jumped open and close signals with the same signal on the connector SC if the parameter ACCESS = 1.

Connector SC: Señales de botonera 1

1	Open door push button 1
2	Close door push button 1
3	Fire fighter
4	DH
5	CP

Connector LLC1

1	Car call 1
2	Car call 2
3	Car call 3
4	Car call 4
5	Car call 5
6	Car call 6
7	Car call 7
8	Car call 8

Connector PFB: Down limit

1	SIGNAL
2	+24 VDC
3	0 VDC

Connector PFS: Up limit

1	SIGNAL
2	+24 VDC
3	0 VDC

Connector NS: Level Up

1	SIGNAL
2	+24 VDC
3	0 VDC

Connector NB: Level DW

1	SIGNAL
2	+24 VDC
3	0 VDC

Connector O:

1	Out Aux1
2	Out Aux2

Connector F:

1	0 VDC
2	Arrow UP
3	Arrow DW
4	Gong 2
5	Gong 1
6	+24 VDC

Connector PESA:

1	Overload
2	Full
3	Empty
4	+24 VDC

Connector ZP:

1	Door zone 1
2	Door zone 2
3	+24 VDC

Connector FTC2:

1	Photocell 2
2	+24 VDC
3	0 VDC

Connector INAC2:

1	Open Limit 2
2	Close limit 2
3	Obstacle 2
4	+24 VDC
5	0 VDC

Connector OUTAC2:

1	Commun doors 2
2	Open doors 2
3	Close door 2

Connector FTC1:

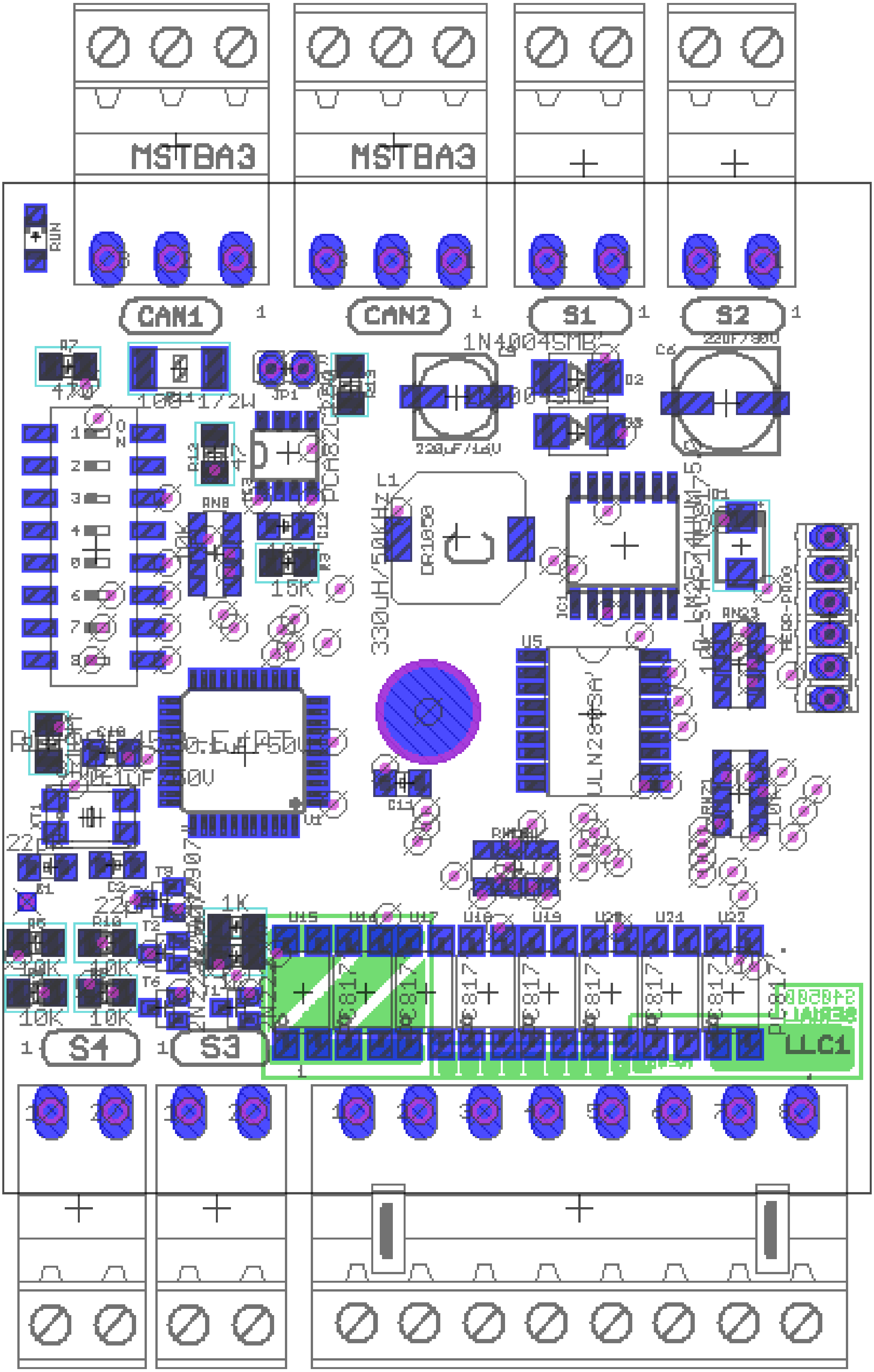
1	Photocell 1
2	+24 VDC
3	0 VDC

Connector INAC1:

1	Open limit 1
2	Close limit 1
3	Obstacle 1
4	+24 VDC
5	0 VDC

Connector OUTAC1:

1	Commun door 1
2	Open door 1
3	Close door 1


MSTBA3
MSTBA3
CAN1
CAN2
S1
S2
S4
S3
LLC1
1N4004SMB
220uF/16V
330uH/50kHz
ULN2803A
U15
U16
U17
U18
U19
U20
U21
U22
15K
10K
10K
10K
10K
470
1K

Board SO500_D (CRB)

This board (Call Recollecting Board), is a universal call module, it is used like cabin calls, landing calls and some special functions

Connectors description

Connector CAN2:

1	CAN H
2	CAN L
3	SCREEN

Connector CAN1:

1	CAN H
2	CAN L
3	SCREEN

Connector S2:

1	0 VDC
2	+24 VDC

Connector S1:

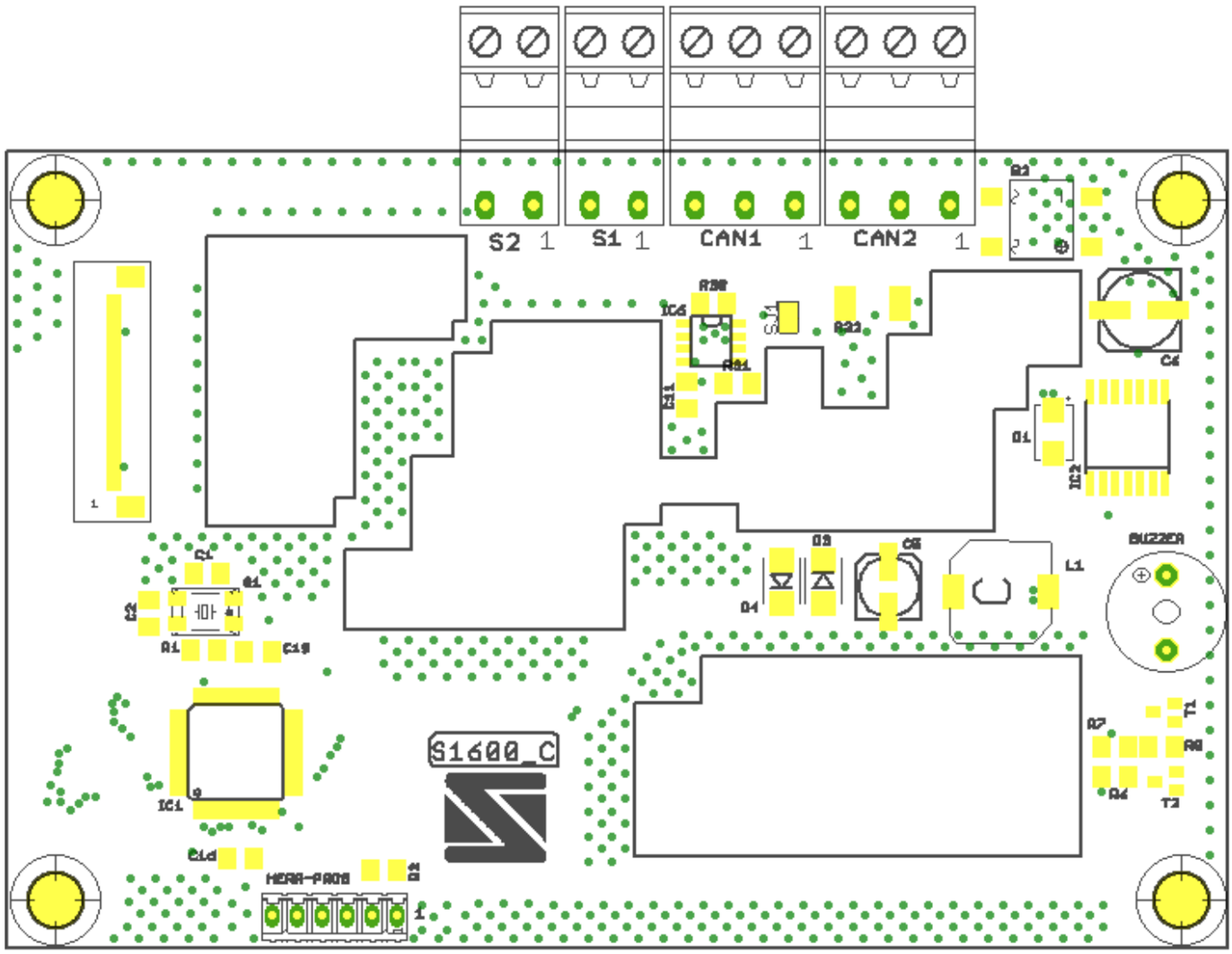
1	0 VDC
2	+24 VDC

Connector LL

1	Call 0
2	Call 1
3	Call 2
4	Call 3
5	Call 4
6	Call 5
7	Call 6
8	Call 7

DIP SW

1	Address 0
2	Address 1
3	Landing =0/Car = 1
4	Down = 0/Up = 1(Landing), Two access(Car)
5	Key (Landing)/ Second access(Car)
6	Erase car call ON
7	
8	


S2 1
S1 1
CAN1 1
CAN2 1
S1600_C
MEGA-PROG
BUZZER

Board S1600_C

Screen size 4,3 inches.
This board is a TFT indicator, it can be used in car and landings.
It is possible to get programed on line, the controller send the information about the digits, the people and RAE number.

The logo has to be programed at factory.

Connectors description

Connector CAN2:

1	CAN H
2	CAN L
3	SCREEN

Connector CAN1:

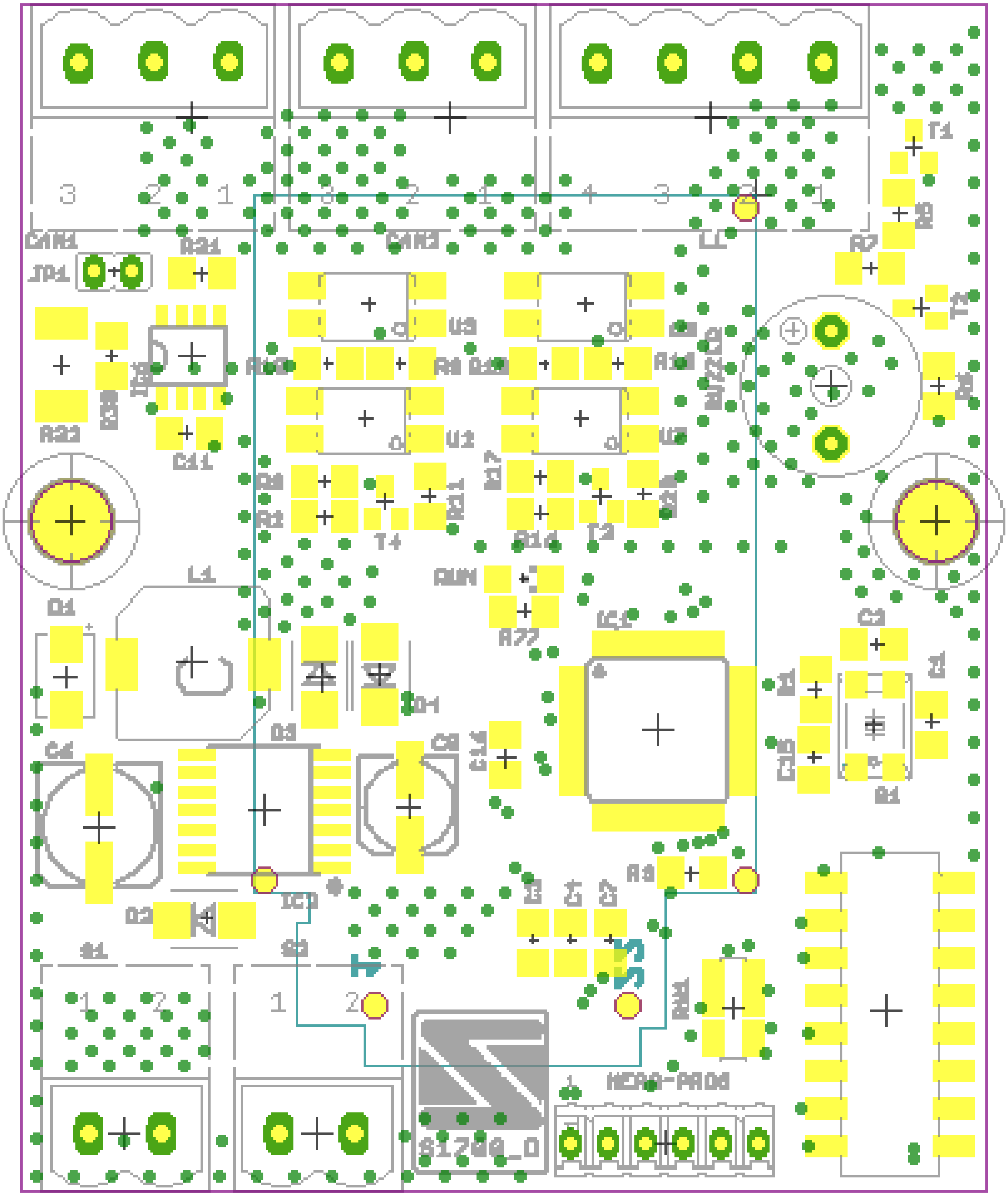
1	CAN H
2	CAN L
3	SCREEN

Connector S2:

1	0 VDC
2	+24 VDC
3	SCREEN

Connector S1:

1	0 VDC
2	+24 VDC
3	SCREEN



Board S1300_D (Indicador matriz 30mm), Board S1700_D

Screen Size 1,7 inches.
This board can be used like car and landing indicator.
The landing UP and DW calls can be connected on the connector LL.

Connectors description

Connector CAN2:

1	CAN H
2	CAN L
3	SCREEN

Connector CAN1:

1	CAN H
2	CAN L
3	SCREEN

Connector S2:

1	0 VDC
2	+24 VDC

Connector S1:

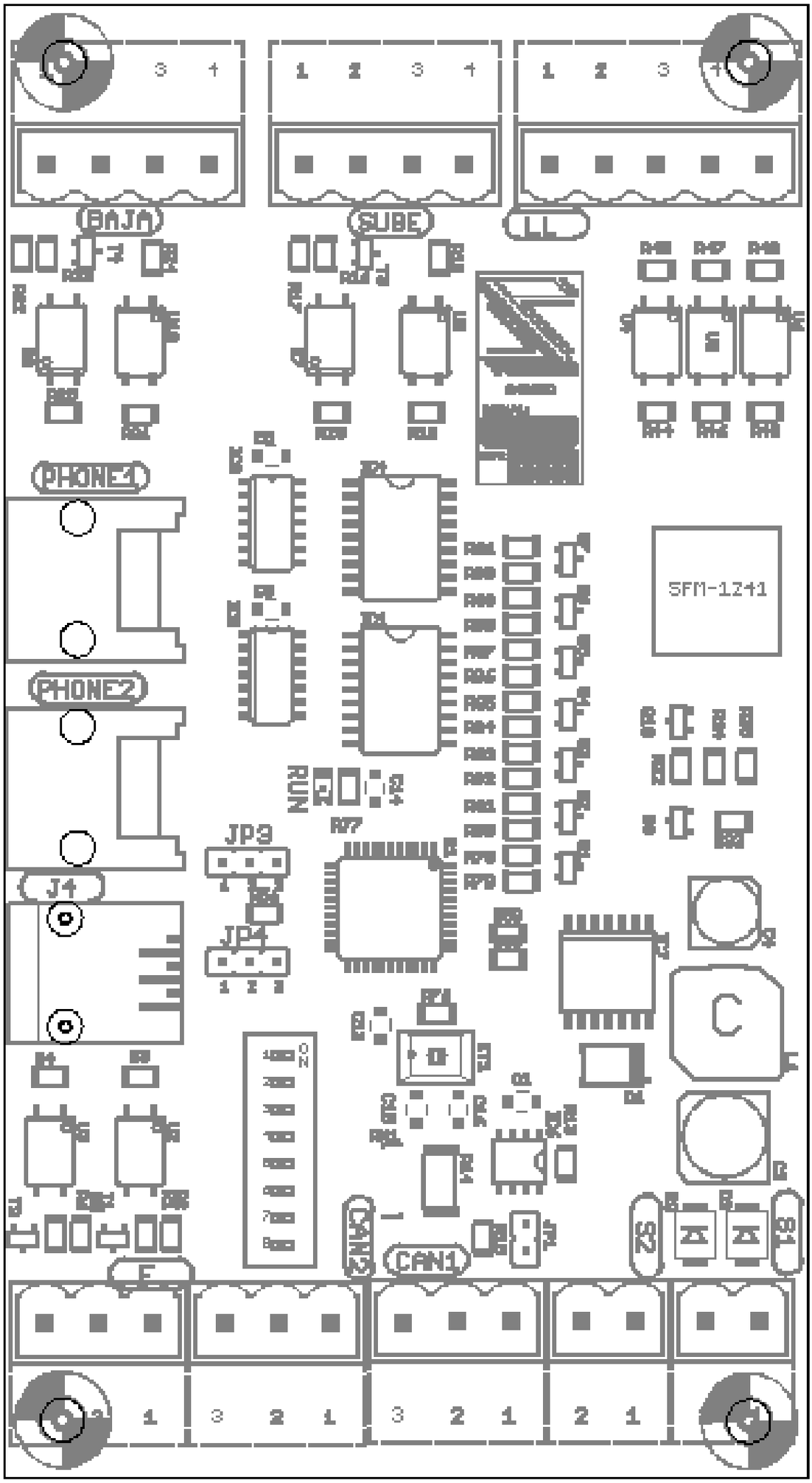
1	0 VDC
2	+24 VDC

LL

1	GND
2	Call and register UP
3	Call and register DW
4	+24VDC

Descripción DIP SW

1	Address 0
2	Address 1
3	Address 2
4	Address 3
5	Address 4
6	Second access
7	Independent access
8	Car


BAJA
SUBE
LL
PHONE1
PHONE2
J4
JP3
JP4
SFM-1Z41
CAN2
CAN1
C

Board SO300_D (Indicador matriz 45mm, 3 Dig)

This board can be used like car and landing dot matrix indicator.
The landing UP and DW calls can be connected on the connector LL, the connector F is used to arrows

Connectors description

Connector BAJA:

1	0 VDC
2	DW register
3	DW call
4	+24 VDC

Connector SUBE:

1	0 VDC
2	UP register
3	UP call
4	+24 VDC

Connector LL:

1	0 VDC
2	Firefighter key
3	Emergency key
4	OUT OF SERVICE key
5	+24 VDC

Connector F:

1	Arrow down
2	Arrow up
3	+24 VDC

Connector CAN2:

1	CAN H
2	CAN L
3	SCREEN

Connector CAN1:

1	CAN H
2	CAN L
3	SCREEN

Connector S2:

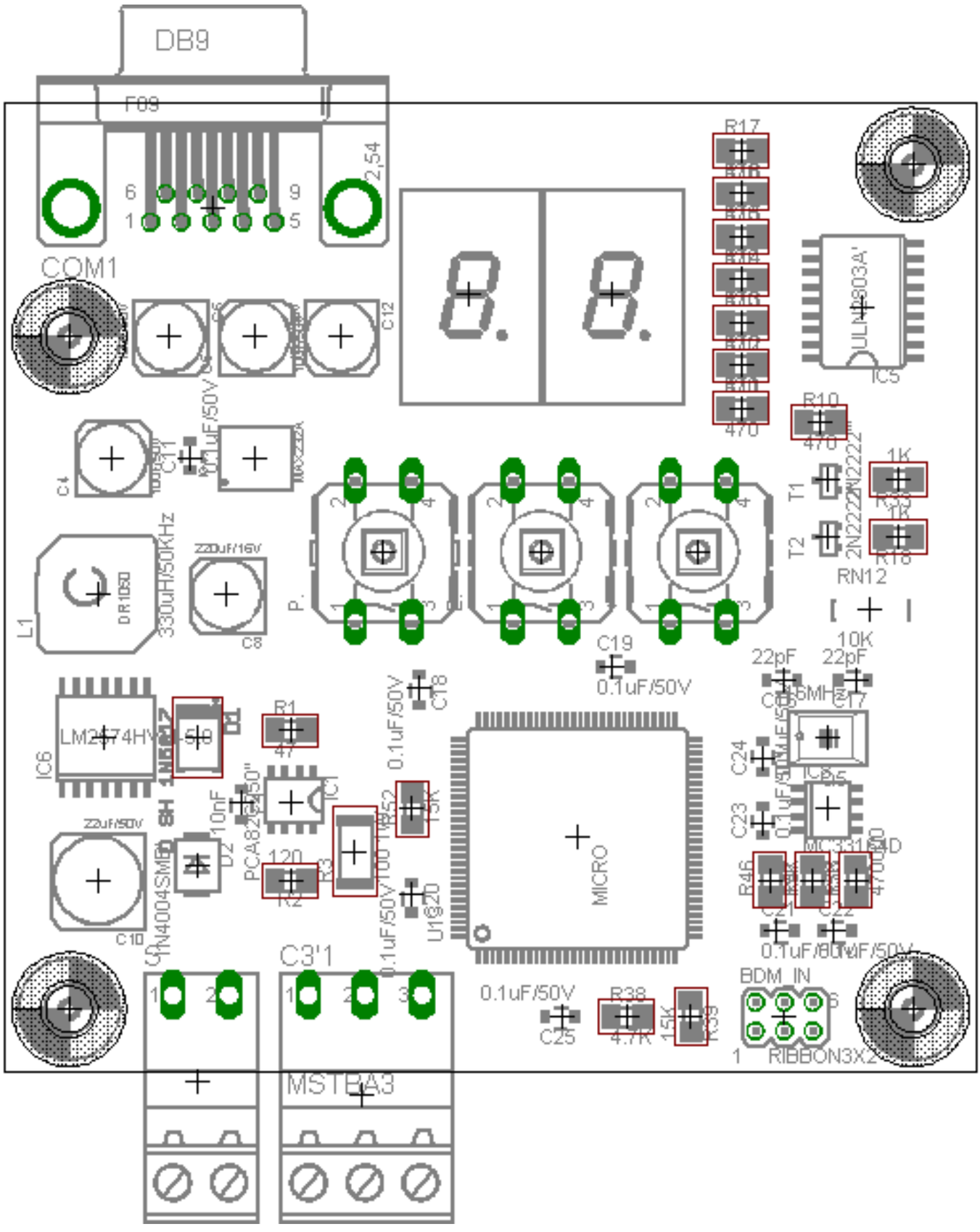
1	0 VDC
2	+24 VDC

Connector S1:

1	0 VDC
2	+24 VDC

Descripción del DIP SW

1	Address 0
2	Address 1
3	Address 2
4	Address 3
5	Address 4
6	Second access
7	Key (Enable J3)
8	Car


DB9
F09
COM1
2,54
R17
470
ULN2803A'
IC5
R10
470
1K
T1
T2
2N2222
RN12
10K
22pF
C19
0.1uF/50V
C18
0.1uF/50V
R1
47
LM2574HV
IC6
1N4004SMB
D1
Z2uF/50V
C10
10nF
PCA82C250"
IC1
120
R3
R2
15K
R52
100 1W
U16
20
0.1uF/50V
MICRO
C24
C23
0.1uF/50V
MC33199D
R46
470
C21
C22
0.1uF/50V
C3'1
MSTBA3
0.1uF/50V
C25
R38
4.7K
15K
R39
BDM_IN
RIBBON3X2
C4
C11
0.1uF/50V
C6
C12
L1
330uH/50KHz
Z2Duf/16V
C8

Board S1200_A (GRUPO)

This board is the goup manager, is able to control up 4 cars.

The different options are configurated using the three keypad and the seven segments screen, it allows to change the basic parameters to customize the group control.
Trere are six menus, these menues are:

Menus:

C0 Permite visualizar los equipos que están conectados, por ejemplo C2 significa dos equipos conectados, funcionamiento en duplex.

C0 It shows the number of lifts online, for example C2 means two lifts connected.

P0 Lifts in group.
P1 Floors.
P2 Time between floors.
P3 Time on Floor.
P4 Acelerating time.
P5 Close door tiem.
P6 Allocate0
P7 Allocate1
P8 Allocate2
P9 Allocate3

L1 Un able floors on lift one, the bit tie to the floor should be 1

L2 Un able floors on lift one, the bit tie to the floor should be 2

L3 Un able floors on lift one, the bit tie to the floor should be 3

L4 Un able floors on lift one, the bit tie to the floor should be 4

Connectors

S1 (Supply)

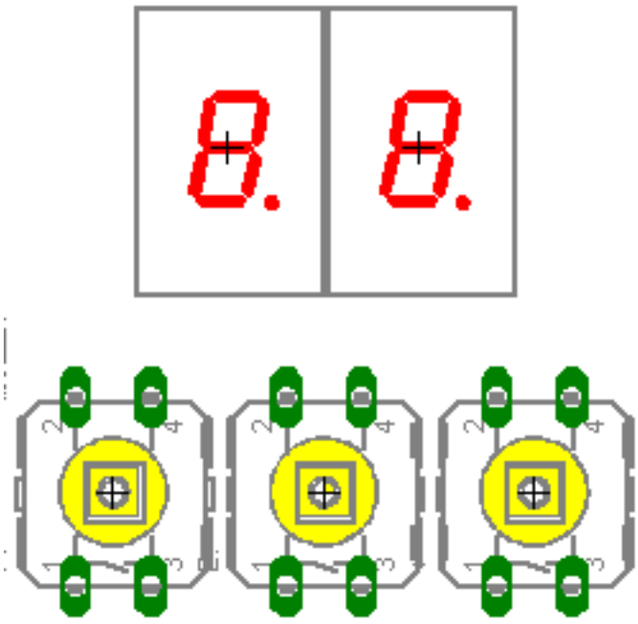
1	O VDC
2	+24 VDC

C3-1 (Can)

1	CAN H
2	CAN L
3	SCREEN

DB9

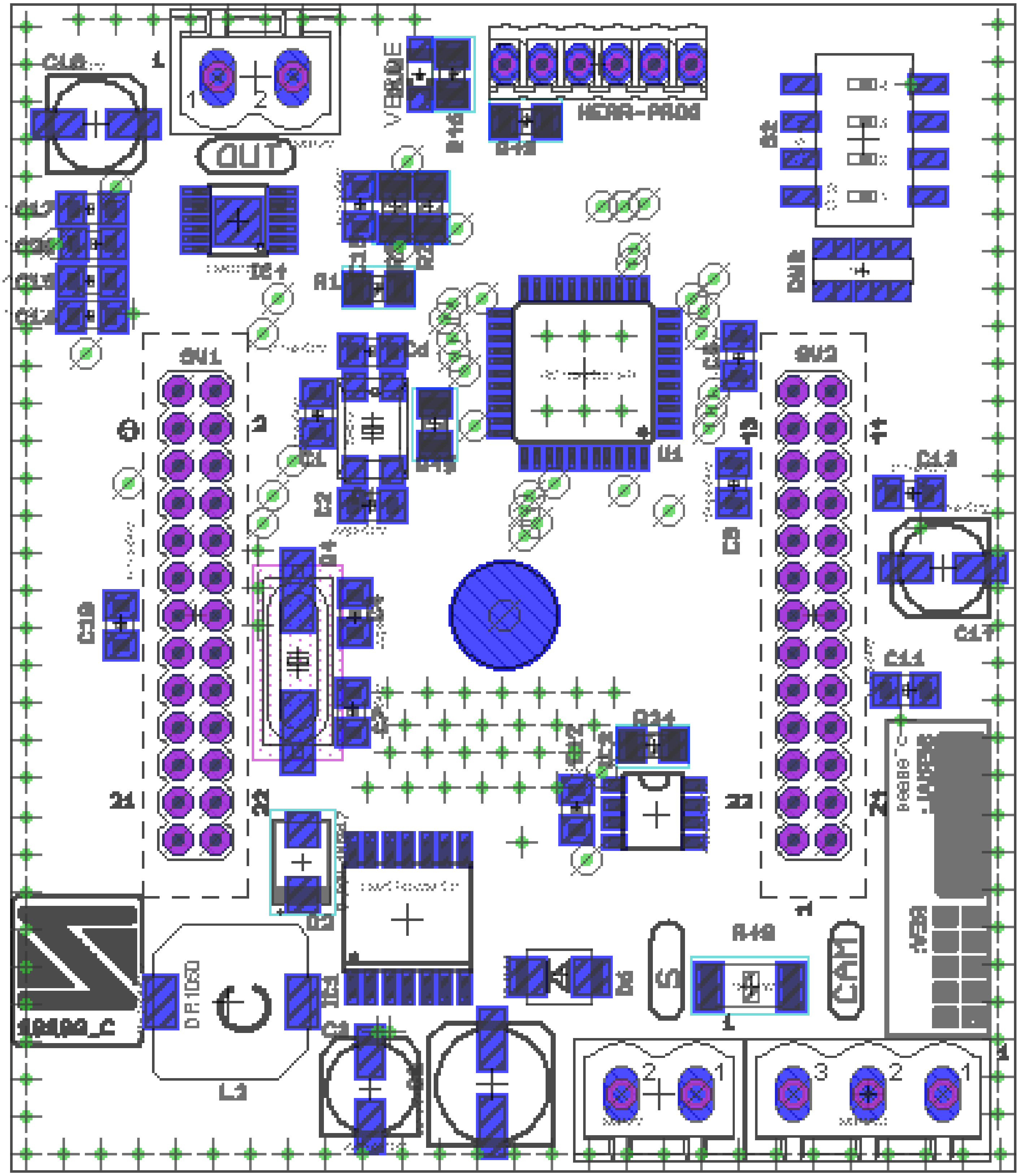
Computer.



Screen:

P E +

It allows to watch and change group information, the key P change to diffrent menues, the key E is the enter and the key + is to increase.



Board SO800_C (VOICE ANNOUNCER)

Messages table:

POSITION(User Adrs)	MENSSAGE
0	OPEN DOOR
1	CLOSE DOOR
2	OBSTACLE
3	OVERLOAD
4	FIRE FIGHTER
5	GOING UP
6	GOING DW
7	CAR PREFERENT
8	UNDERGROUND
9	FLOOR 0
10	FLOOR 1
11	FLOOR 2
12	FLOOR 3
13	FLOOR 4
14	FLOOR 5
15	FLOOR 6
16	FLOOR 7
17	FLOOR 8
18	FLOOR 9
19	FLOOR 10
20	FLOOR 11
21	FLOOR 12
22	FLOOR 13
23	FLOOR 14...

Dip SW

1	Floor Offset 1
2	Floor Offset 2
3	Free
4	Simulation

Connectors

Can

1	CAN H
2	CAN L
3	SCREEN

S

1	GND
2	+24 VDC

Out

1	Speaker output
2	Speaker output