

SLOT1

SIGNAL
MODULE
RECEIVER
TRIPADDLE
96 POS.

220VAC_SFTY
220VAC_SFTY_RTN
115VAC_SFTY
115VAC_SFTY_RTN

230V/50Hz L

230V/50Hz N

230V/50Hz G

115V/50Hz L

115V/50Hz N

115V/50Hz G

SLOT2

SCOPE CH1

SCOPE CH2

SCOPE CH3

SCOPE CH4

SCOPE SIG GEN

MINI POWER
MODULE
RECEIVER
19 POS.

SLOT3

IFU GND

INT_5V

5V_RTN

INT_12V

12V_RTN

INT 24V

24V RTN

230VAC IN

DS3
LAMP

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NOTE:

1. SEPARATE AC WIRES FROM ALL OTHER WIRES.

2. MARK WIRE WITH COLOR TUBES:

L-BROWN, N-BLUE & G-YELLOW.

INT_12V

12V RTN

A5

OUT

VIN

IN

PROBE ISO

A6

OUT

VIN

IN

PROBE ISO

A2 ETH SW

CBS350-8S-E-2G

12V

IN

A3 ETH SW

CBS350-8S-E-2G

12V

IN

115/230 VAC OUT

DS1
LAMP

115V 50HZ LINE

115V 50HZ LINE

115V 50HZ NEUTRAL

115V 50HZ NEUTRAL

CHASSIS

COLOR
SHRINK

115VAC IN

DS4
LAMP

115VAC IN

J102

D38999/24WD5PN

115/230VAC

OUT

J101

D38999/24WE6SN

115VAC IN

DS4
LAMP

115VAC IN

J102

D38999/24WD5PN

115/230VAC

OUT

J101

D38999/24WE6SN

115VAC IN

DS4
LAMP

115VAC IN

J102

D38999/24WD5PN

115/230VAC

OUT

J101

D38999/24WE6SN

115VAC IN

DS4
LAMP

115VAC IN

J102

D38999/24WD5PN

115/230VAC

OUT

J101

D38999/24WE6SN

Notes:

ALL WIRES ARE AWG 22 OTHERWISE SPECIFIED.

** - DO NOT CONNECT IN THIS SECTION.

OR ↓ - TWISTED WIRES.

RTN
CENTERS

5V RTN

EACH ONE
IS A
SEPARATE
CENTER

12V RTN

SLOT6

ITA_ID_RS232_TX

ITA_ID_RS232_RX

ITA_ID_RS232_GND

QUADRAPADDLE 192

INT_5V

A1-P1

1

2

3

4

5

6

7

8

9

A1 - ID CARD

AR-IDC-01

J1

D9F

ADDRESS: 14

SW1

ON 9,10,11

OFF 1-8,12

1 2 3 4 5 6 7 8 9 10 11 12

ARTS

Haprat 2 st 81227 Yavene

Tel:08 9324355 Fax:08 9324357

Email: arts@arts.co.il

Title

MU CP ITA - Wiring Diagram

Project

MU CP ITA

Doc ID: WD-W2101-9000

Date: Monday, July 15, 2024

Function

Design

Erez M.

Check

RONI A

Approve

RONI A

Signature

erez

roni a

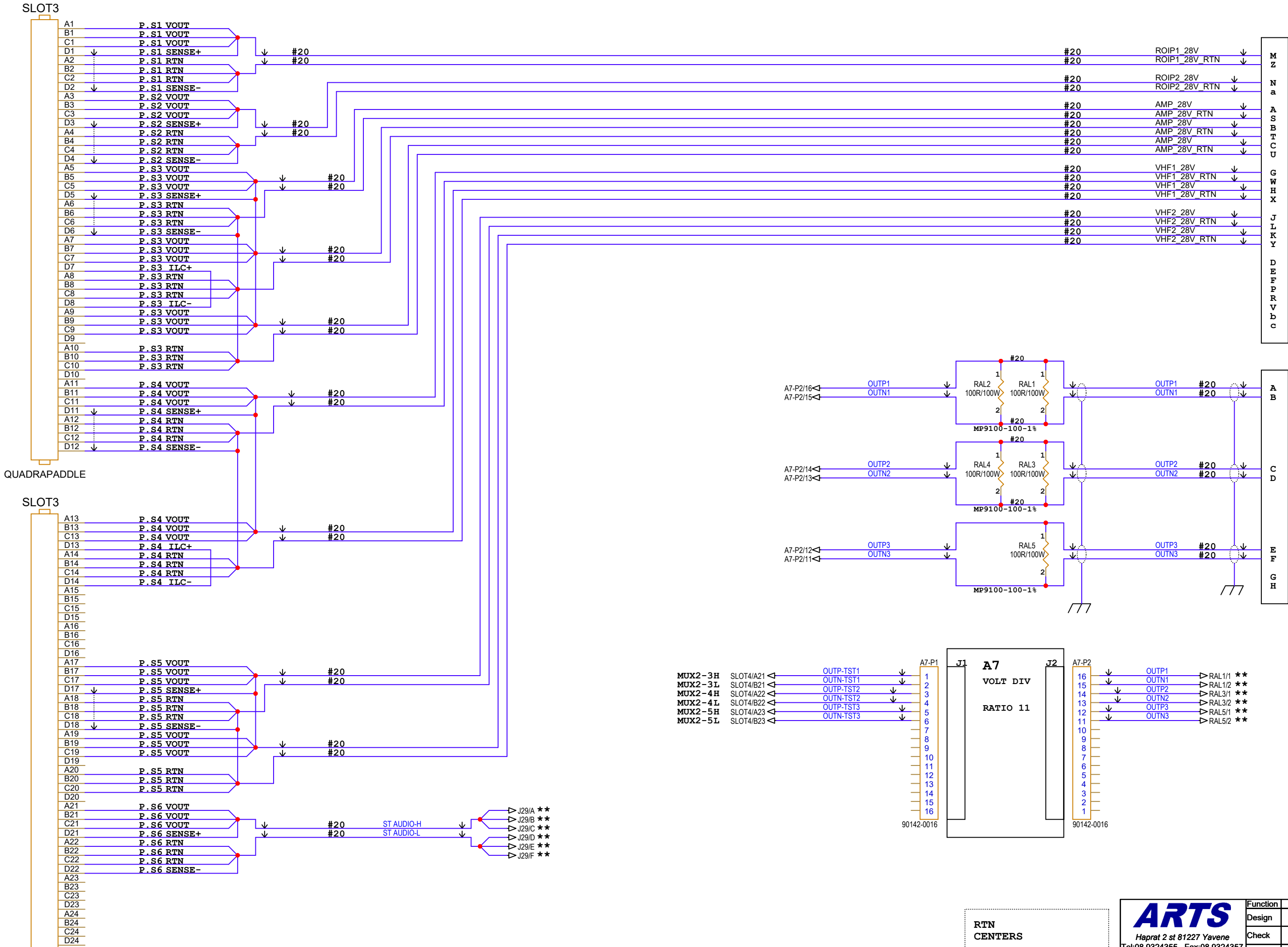
roni a

Date

Rev: 10

Size: A3

Sheet 1 of 10



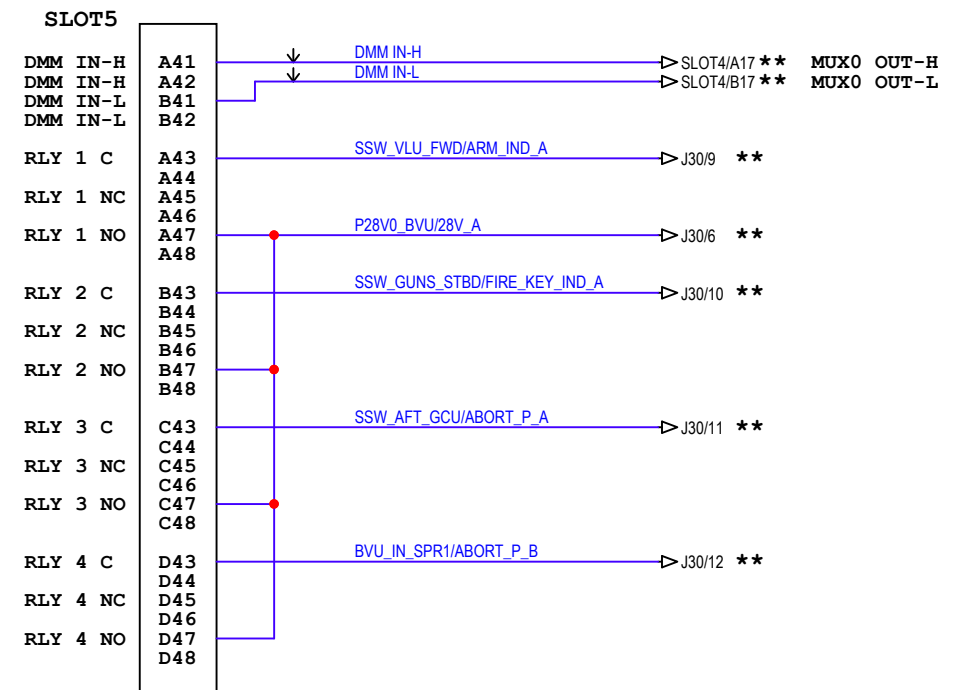
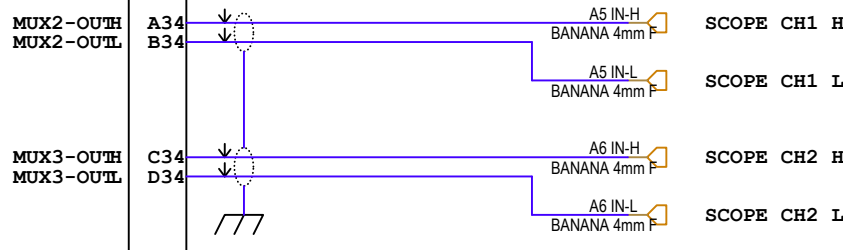
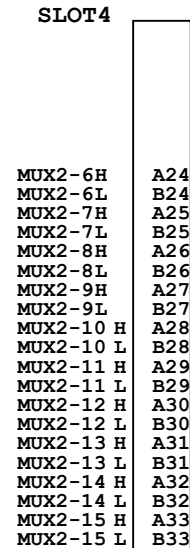
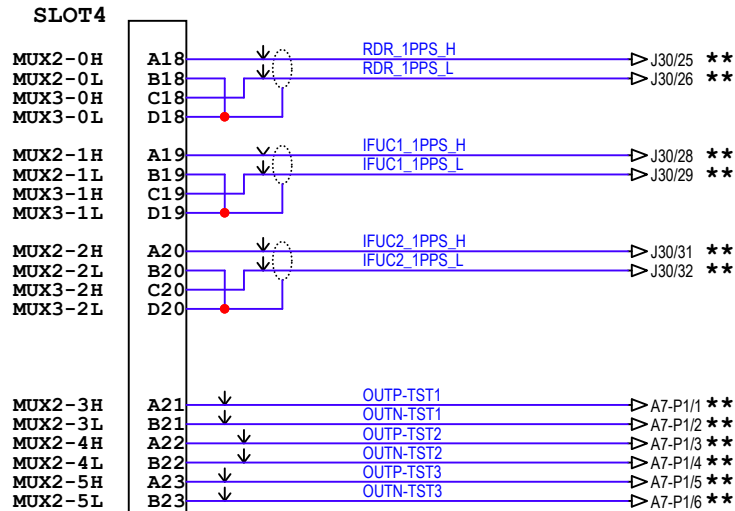
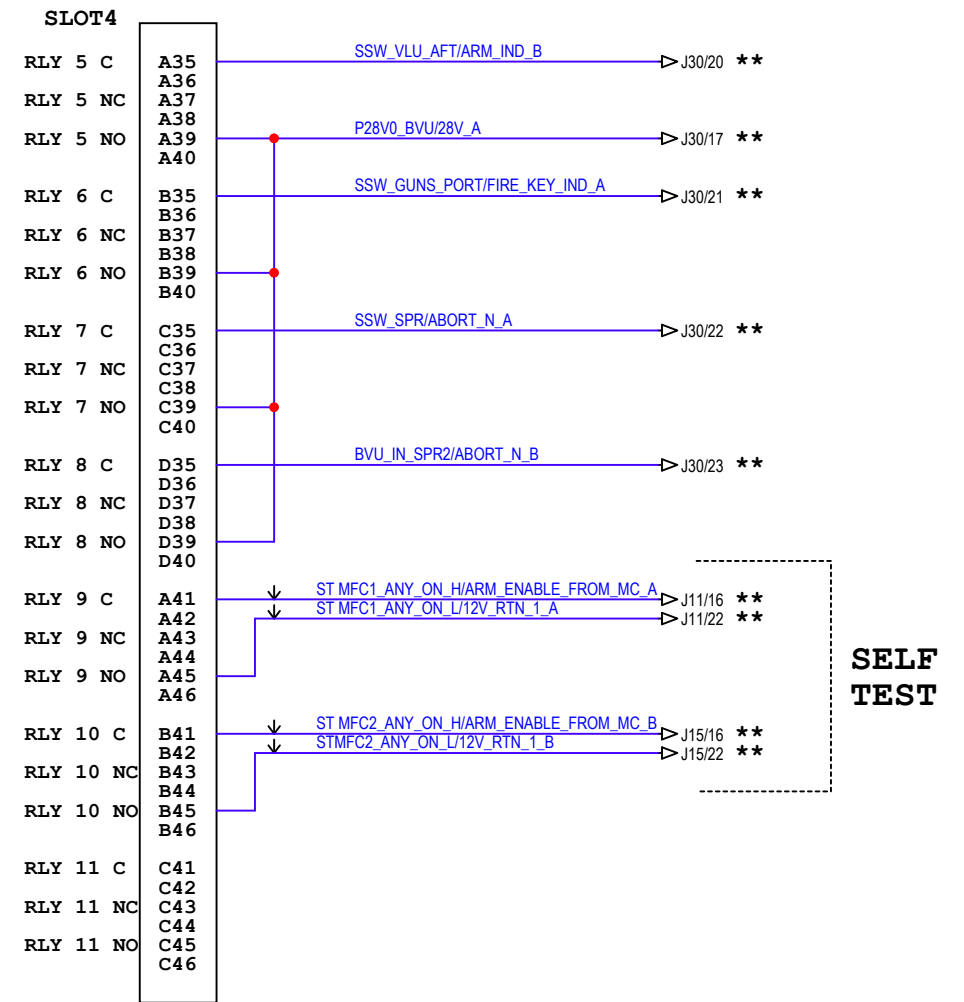
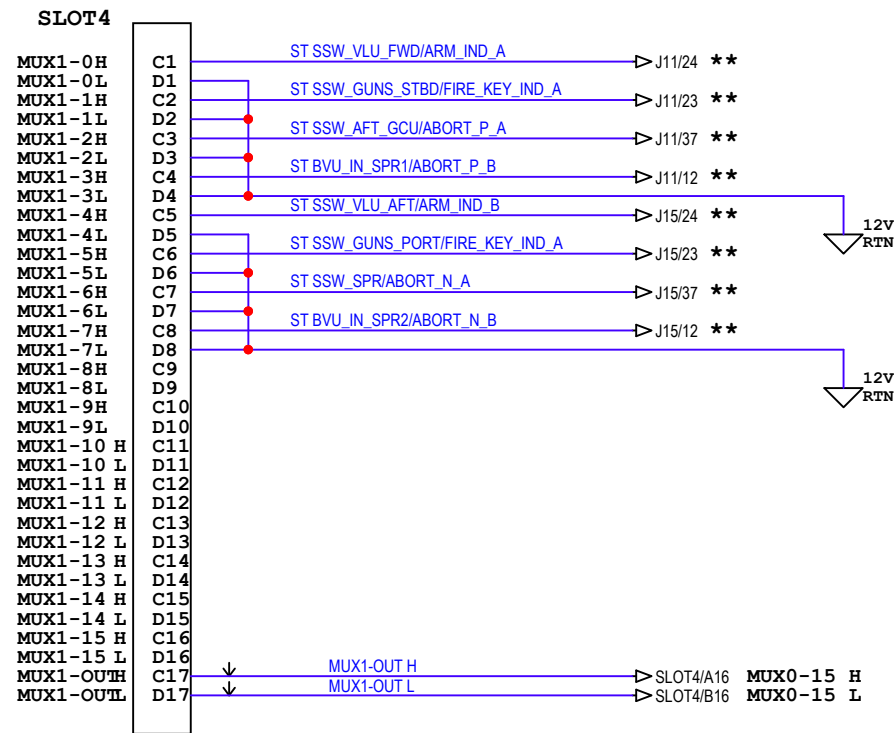
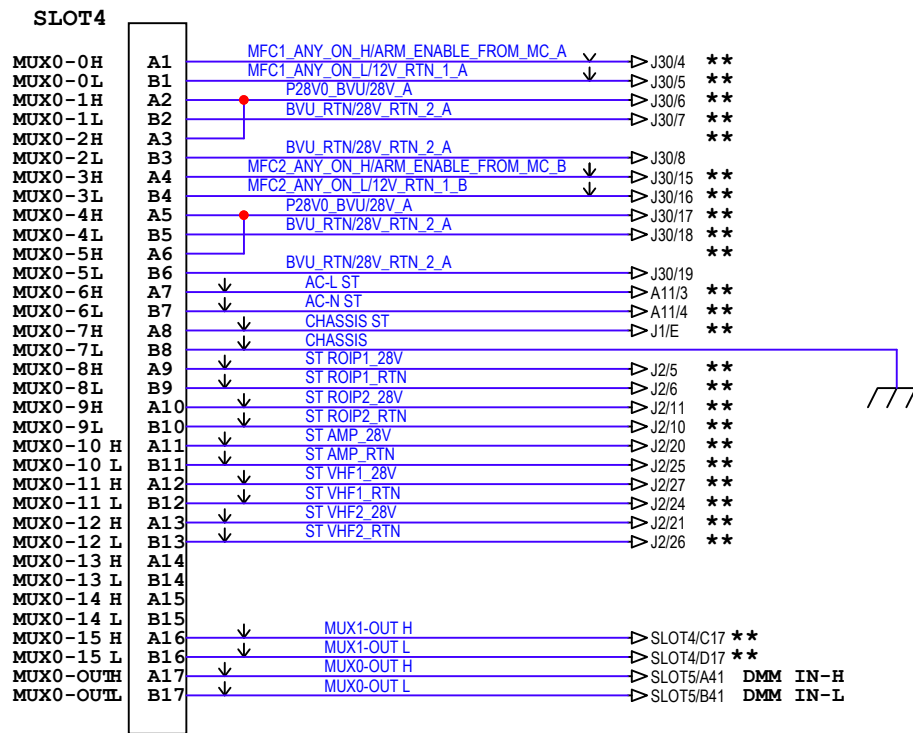
Notes:
ALL WIRES ARE AWG 22 OTHERWISE SPECIFIED.
** - DO NOT CONNECT IN THIS SECTION.

RTN
CENTERS

EACH ONE
IS A
SEPARATE
CENTER

5V RTN
12V RTN

ARTS <i>Haprat 2 st 81227 Yavene</i> Tel:08 9324355 Fax:08 9324357 Email: arts@arts.co.il	Function	Name	Signature	Date
	Design	Erez M.	erez	
	Check	RONI A	roni a	
	Approve	RONI A	roni a	
Title MU CP ITA - Wiring Diagram				
Project MU CP ITA				
Doc ID: WD-W2101-9000		Rev: 10	Size: A3	
Date: Monday, July 15, 2024		Sheet 2 of 10		



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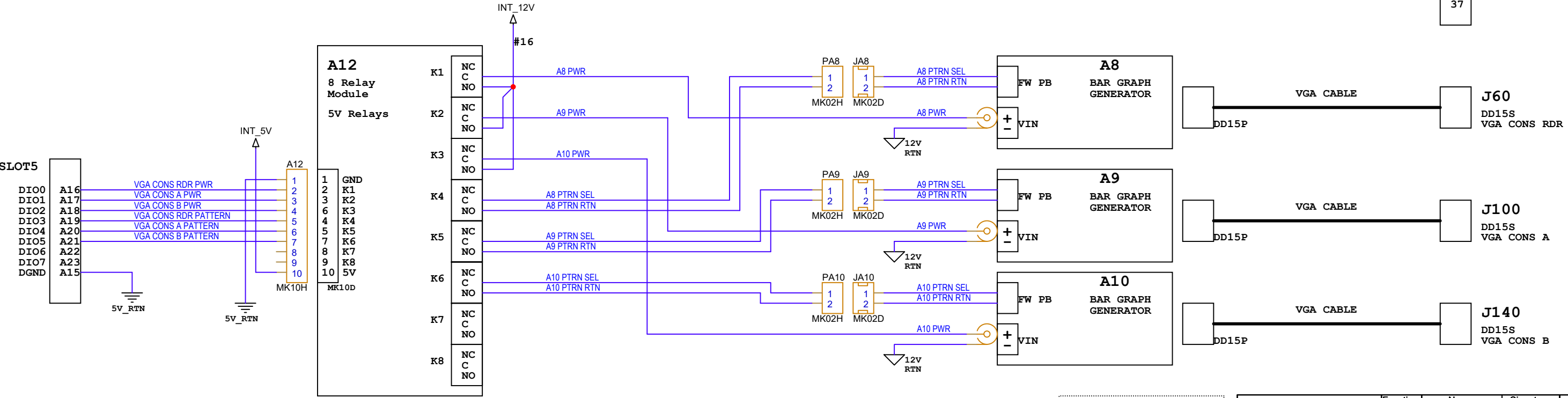
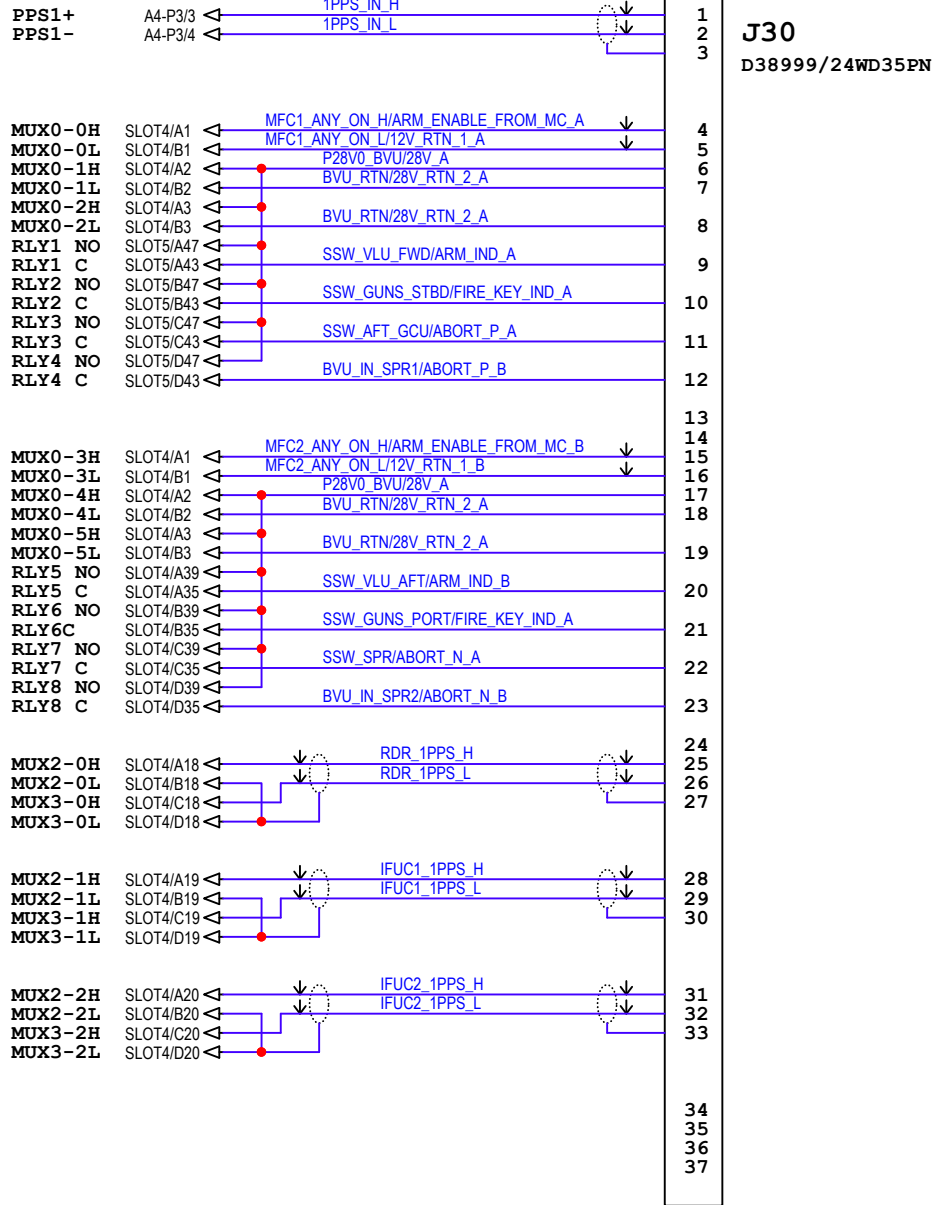
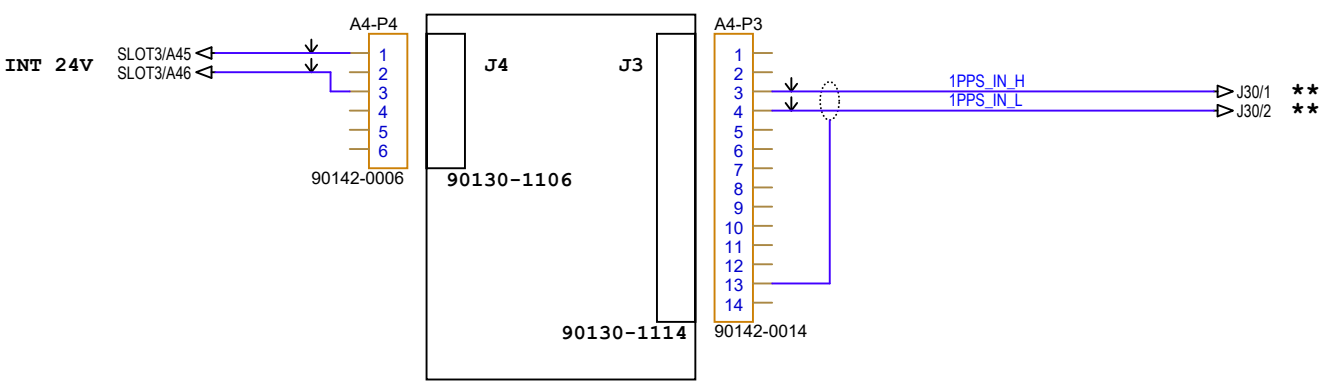
OR ↓ - TWISTED WIRES.

RTN CENTERS 5V RTN 12V RTN

EACH ONE IS A SEPARATE CENTER

ARTS Haprat 2 st 81227 Yavene Tel:08 9324355 Fax:08 9324357 Email: arts@arts.co.il	Function	Name	Signature	Date
	Design	Erez M.	erez	
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Title MU CP ITA - Wiring Diagram				
Project MU CP ITA				
Doc ID: WD-W2101-9000		Rev: 10	Size: A3	
Date: Tuesday, August 06, 2024		Sheet 3	of 10	

A4 - 1PPS CARD
AR-1PPS-SC-ED-01



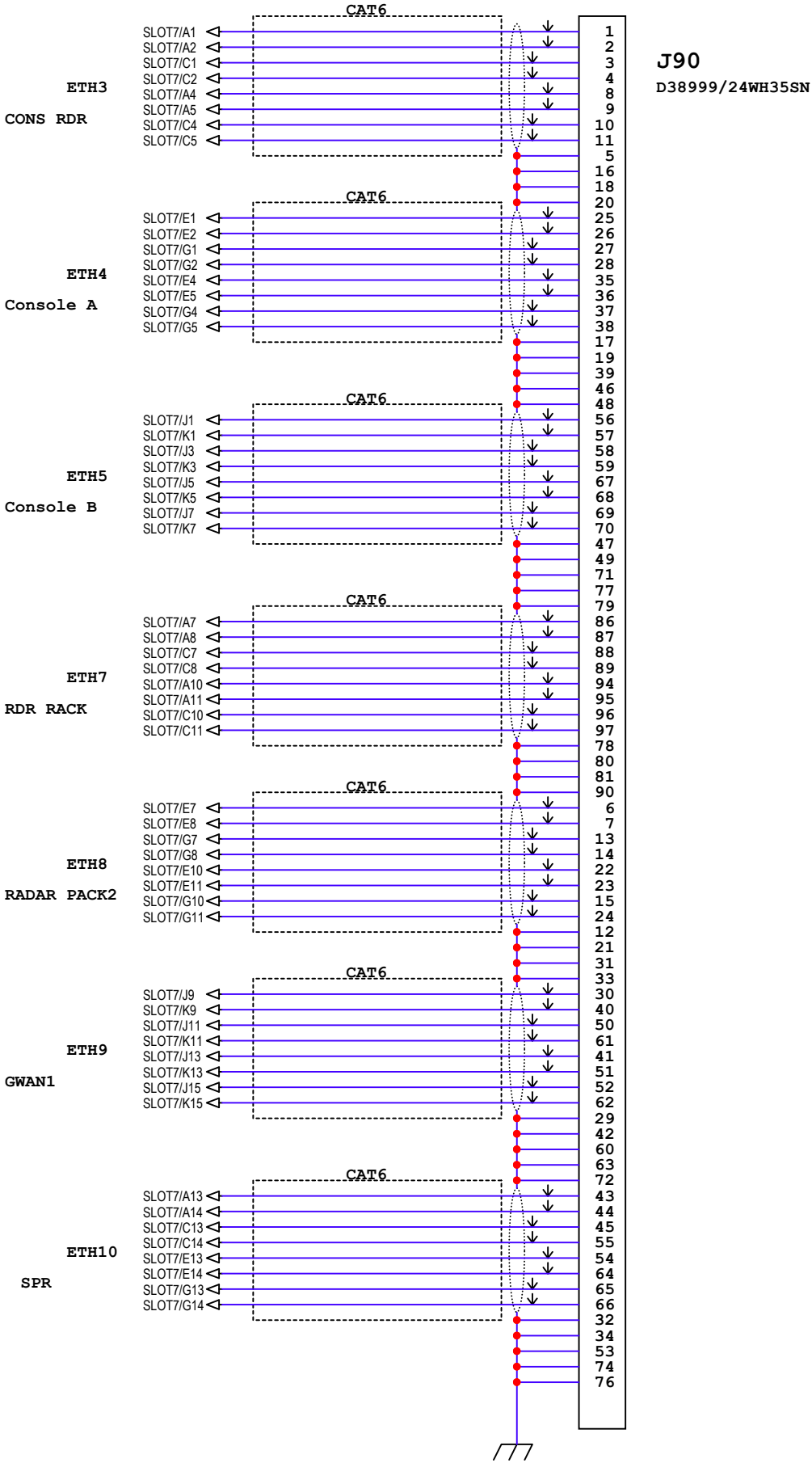
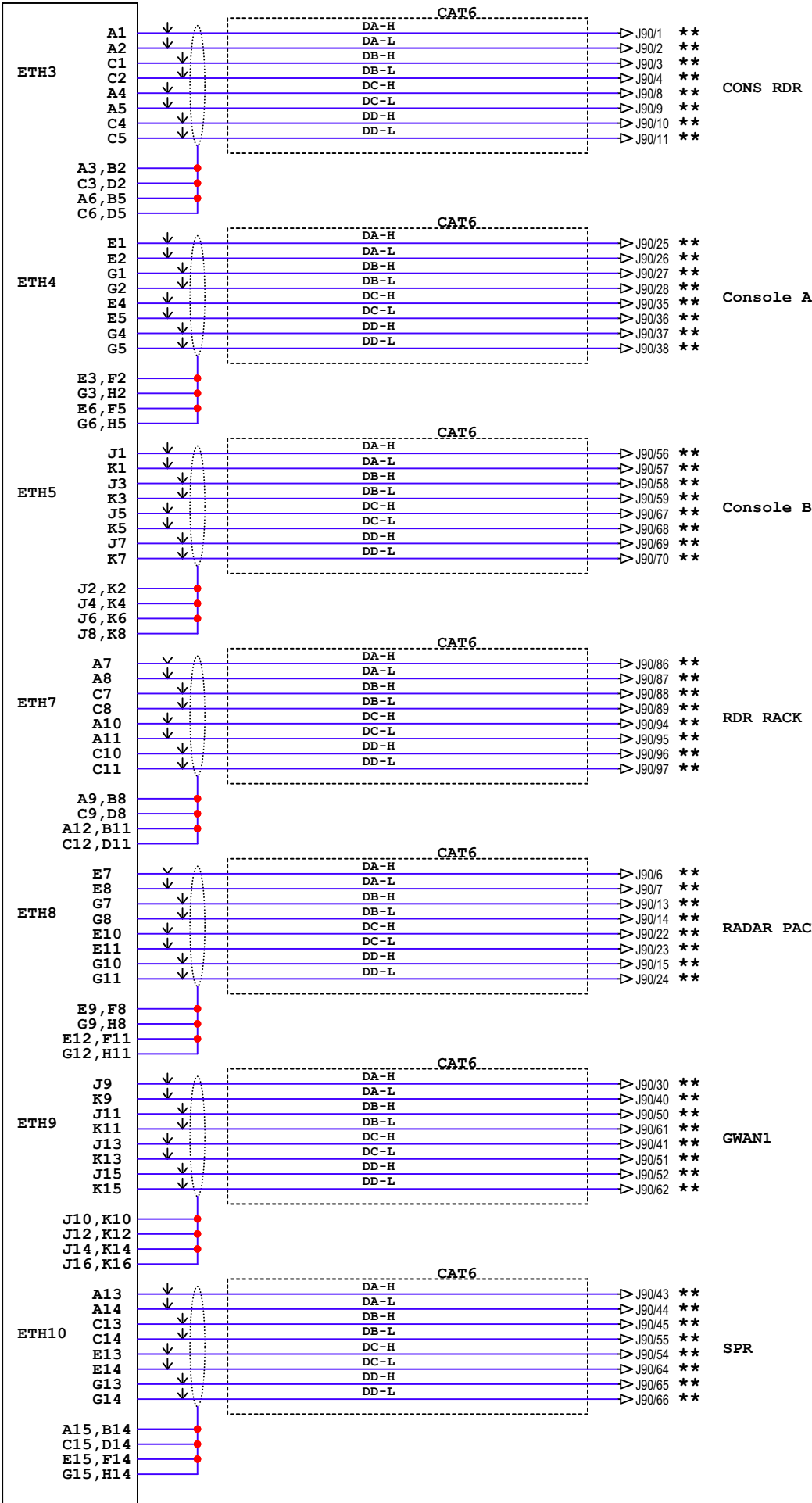
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RTN CENTERS
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Date: Monday, July 15, 2024
Rev: 10
Sheet: 4 of 10
Size: A3



J90
D38999/24WH35SN

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CENTERS

5V RTN

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Title MU CP ITA - Wiring Diagram

Project MU CP ITA

Doc ID: WD-W2101-9000 Rev: 10 Size: A3

Date: Monday, July 15, 2024 Sheet 5 of 10

[illegible]

J22D
PR
JFTV71G
J45

J91
D38999/24WH35SA

ETH12
IFUCS2

ETH13
VOIP CONS B

ETH14
VOIP CONS A

ETH15
VOIP RDR

ETH16
GWAN2

CAT6

CAT6


CAT6

CAT6

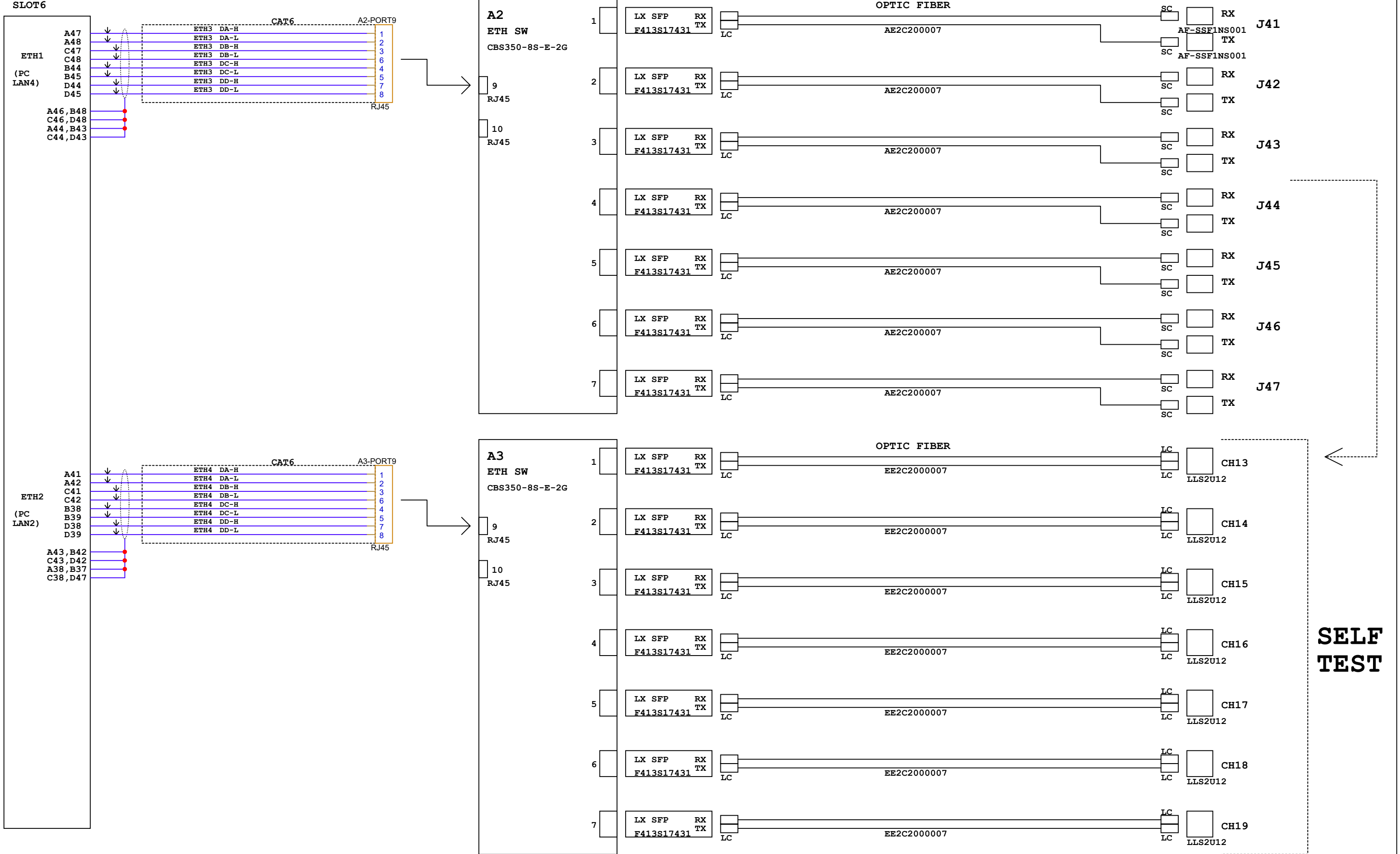
CAT6

CAT6

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 <p>ARTS</p> <p>Haprat 2 st 81227 Yavene</p> <p>Tel:08 9324355 Fax:08 9324357</p> <p>Email: arts@arts.co.il</p>	Function	Name	Signature	Date
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Date: Monday, July 15, 2024		Sheet 6 of 10		

∫ OR ↓↓ - TWISTED WIRES.



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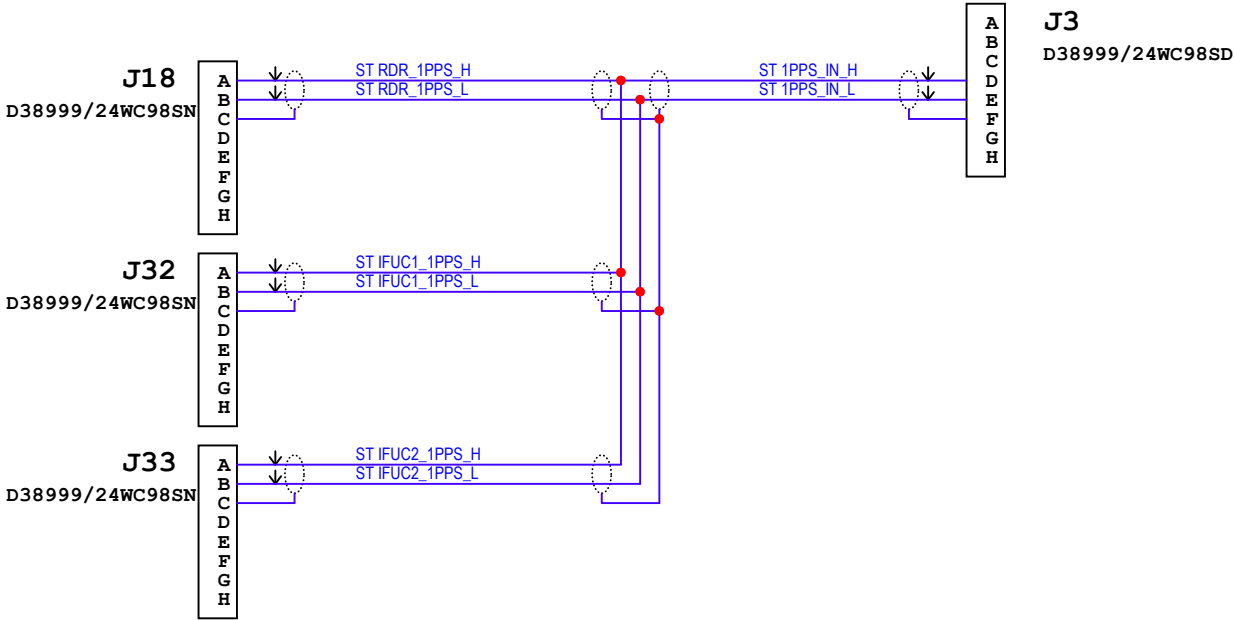
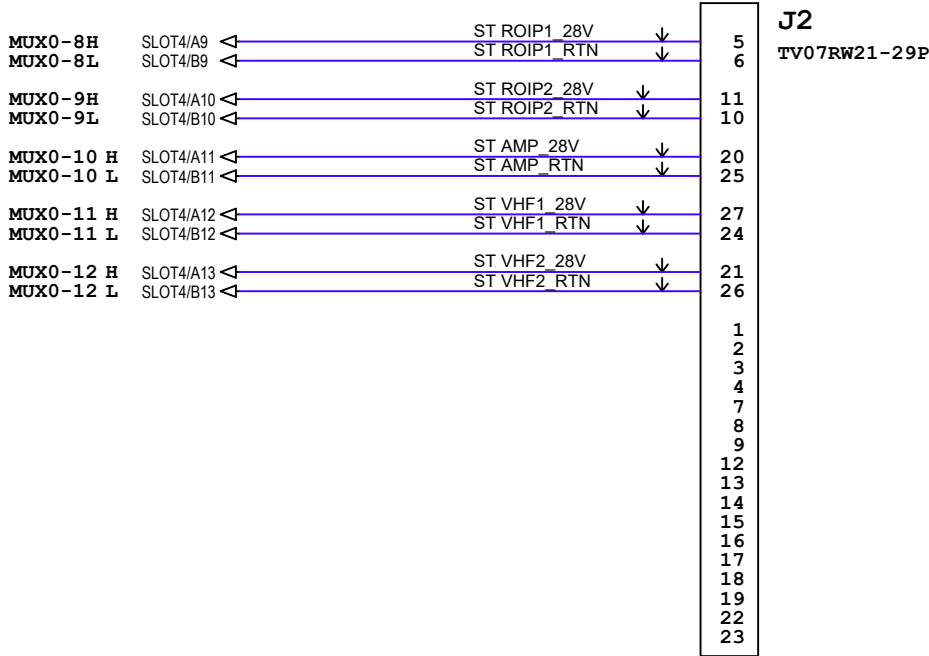
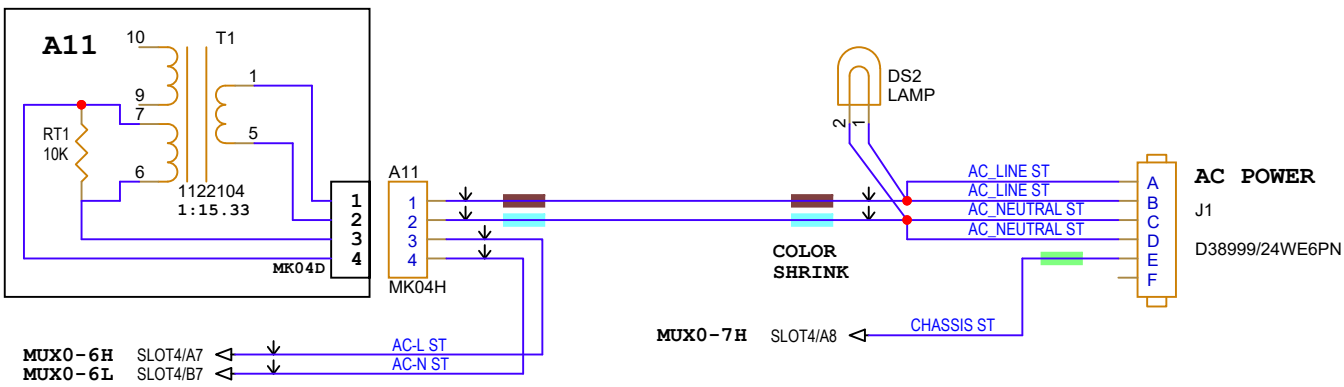
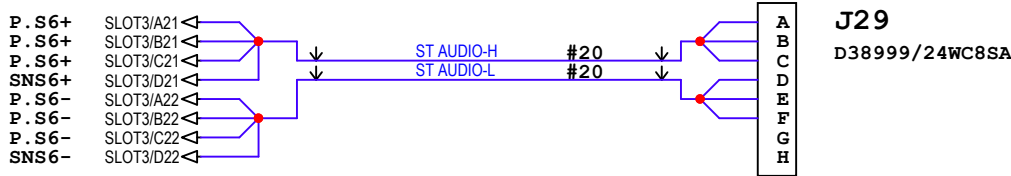
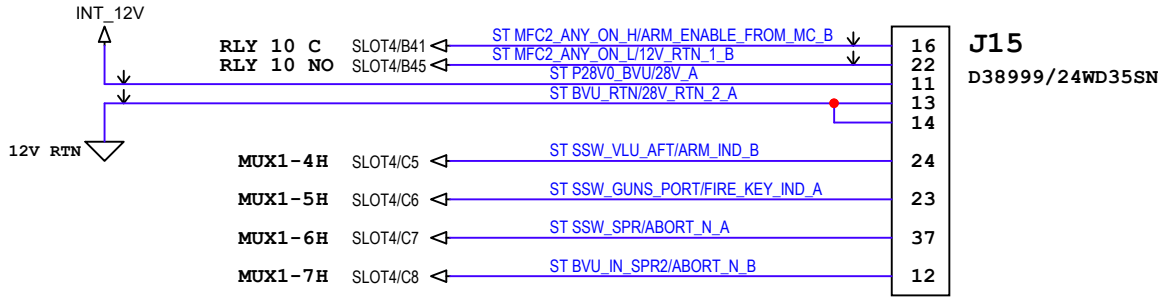
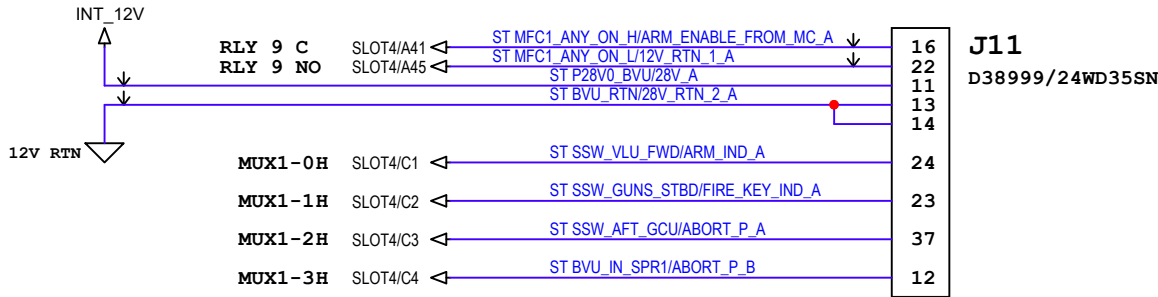
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ProjectMU CP ITA

Doc ID: WD-W2101-9000Rev: 10Size: A3

Date: Monday, July 15, 2024Sheet 7 of 10

SELF-TEST



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RTN
CENTERS

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CENTER

12V RTN

ARTS

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Tel:08 9324355 Fax:08 9324357

Email: arts@arts.co.il

Function

Design

Check

Approve

Name

Erez M.

RONI A

RONI A

Signature

erez

roni a

roni a

Date

Title

MU CP ITA - Wiring Diagram

Project

MU CP ITA

Doc ID: WD-W2101-9000

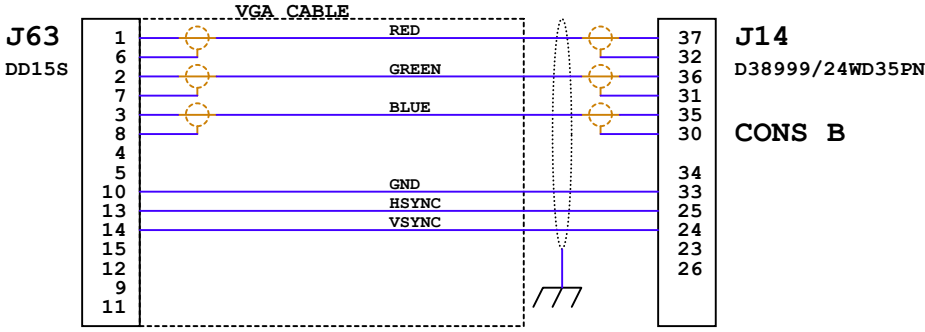
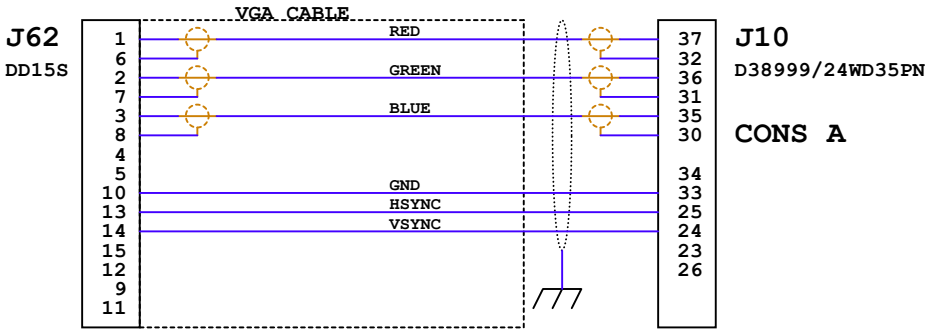
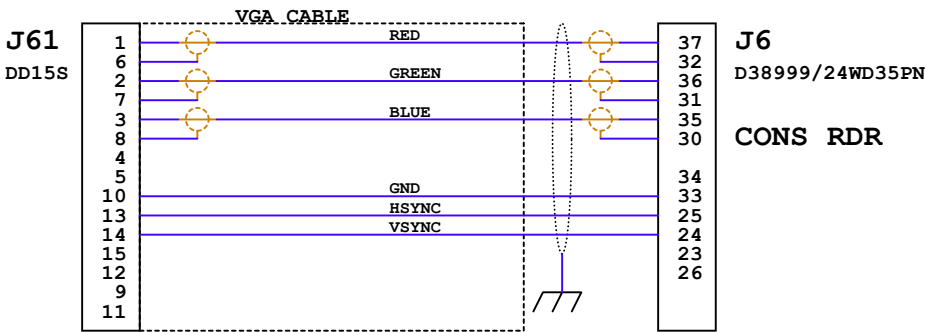
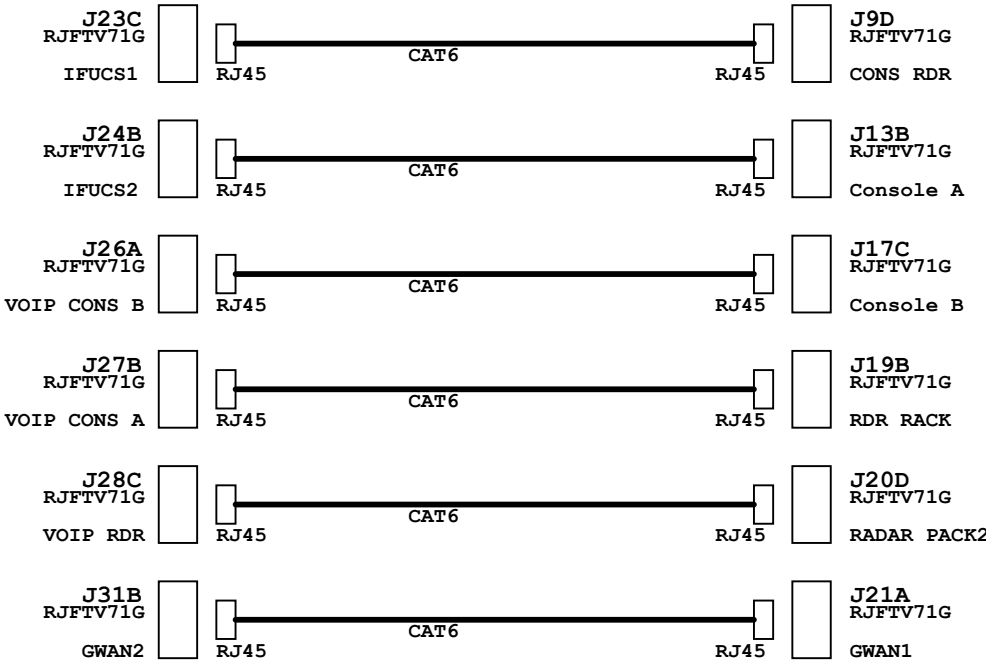
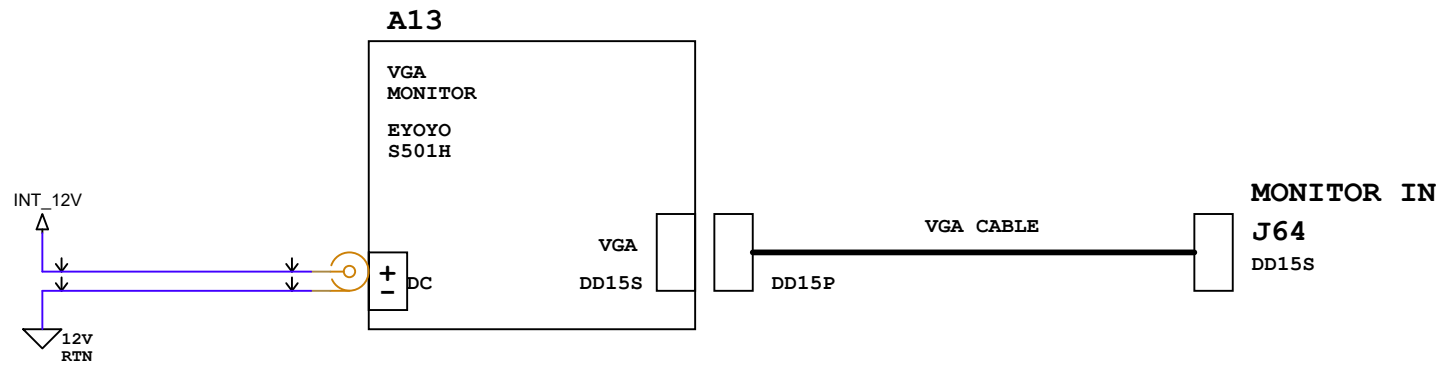
Date: Monday, July 15, 2024

Rev: 10

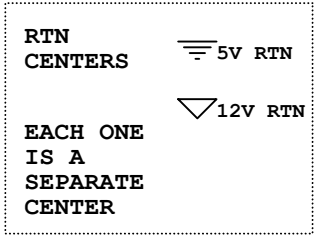
Sheet 8 of 10

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SELF-TEST



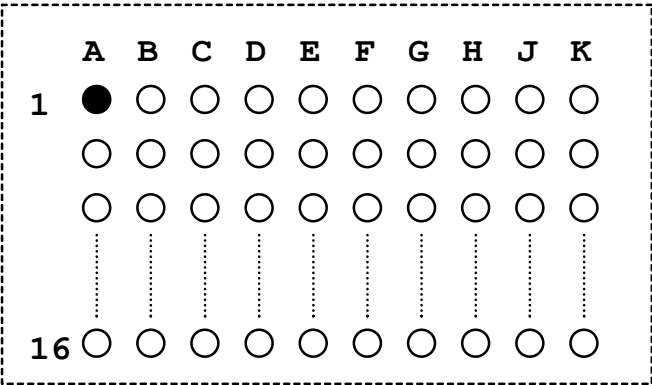
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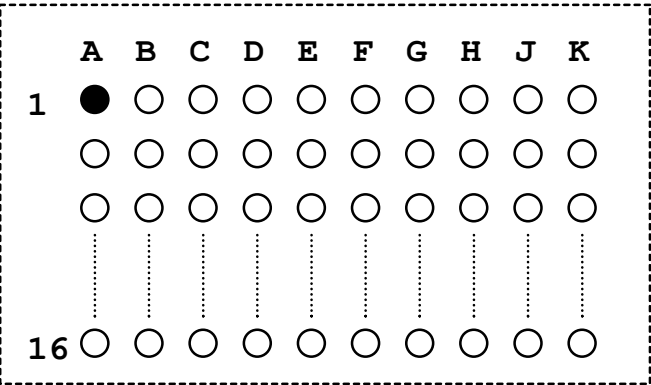
ARTS Haprat 2 st 81227 Yavene Tel:08 9324355 Fax:08 9324357 Email: arts@arts.co.il	Function	Name	Signature	Date
	Design	Erez M.	erez	
	Check	RONI A	roni a	
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Title MU CP ITA - Wiring Diagram				
Project MU CP ITA				
Doc ID: WD-W2101-9000		Rev: 10		Size: A3
Date: Monday, July 15, 2024		Sheet 9 of 10		

VIEW FROM WIRING SIDE

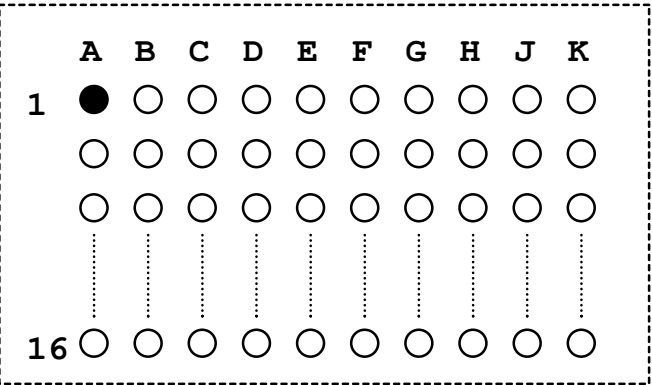
SLOT 9



SLOT 8

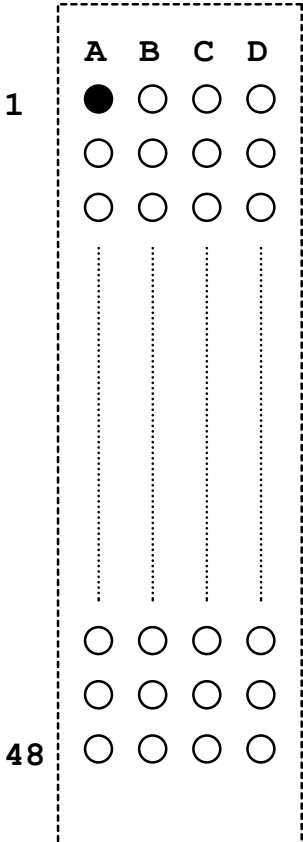


SLOT 7



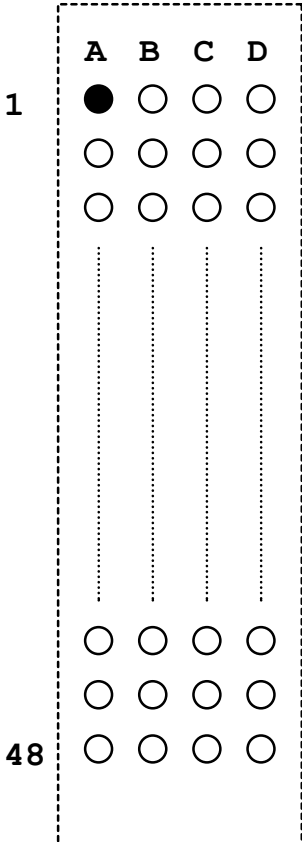
QuadraPaddle
Signal Module
ITA iCon 160
Position

SLOT 6



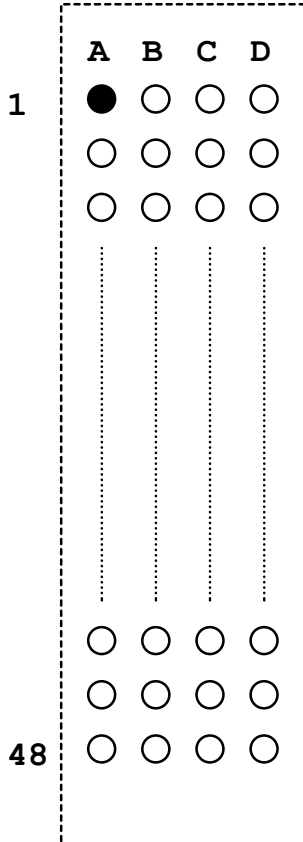
SIGNAL MODULE
RECEIVER
QUADRAPADDLE
192 POS.

SLOT 5



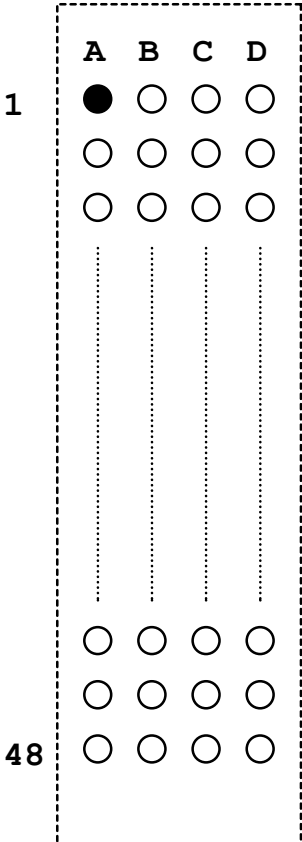
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QUADRAPADDLE
192 POS.

SLOT 4



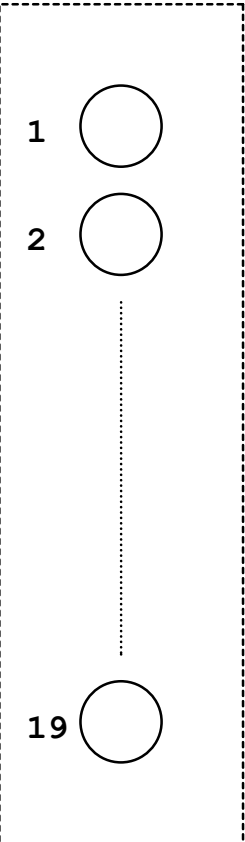
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RECEIVER
QUADRAPADDLE
192 POS.

SLOT 3



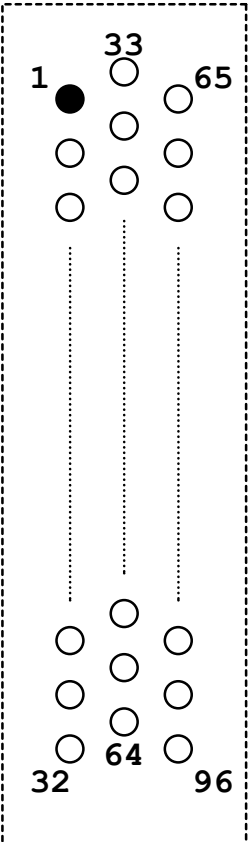
SIGNAL MODULE
RECEIVER
QUADRAPADDLE
192 POS.

SLOT 2



MINI POWER
MODULE
RECEIVER
19 POS.

SLOT 1



SIGNAL MODULE
RECEIVER
TRIPADDLE
96 POS.

ARTS <i>Haprat 2 st 81227 Yavene</i> Tel:08 9324355 Fax:08 9324357 Email: arts@arts.co.il	Function	Name	Signature	Date
	Design	Erez M.	<i>erez</i>	
	Check	RONI A	<i>roni a</i>	
	Approve	RONI A	<i>roni a</i>	
Title ITA G6 CONNECTOR				
Project MU CP ITA				
Doc ID: WD-W2101-9000		Rev: 10		Size: A4
Date: Monday, July 15, 2024		Sheet 10 of 10		