

GUIDE

PROFINET GDHF-APNX1



Wuhan Guide Technology Co.,Ltd.

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PROF I NET

GDHF - APNX1

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PROF I NET

GDHF - APNX1

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GDHF - APNX1

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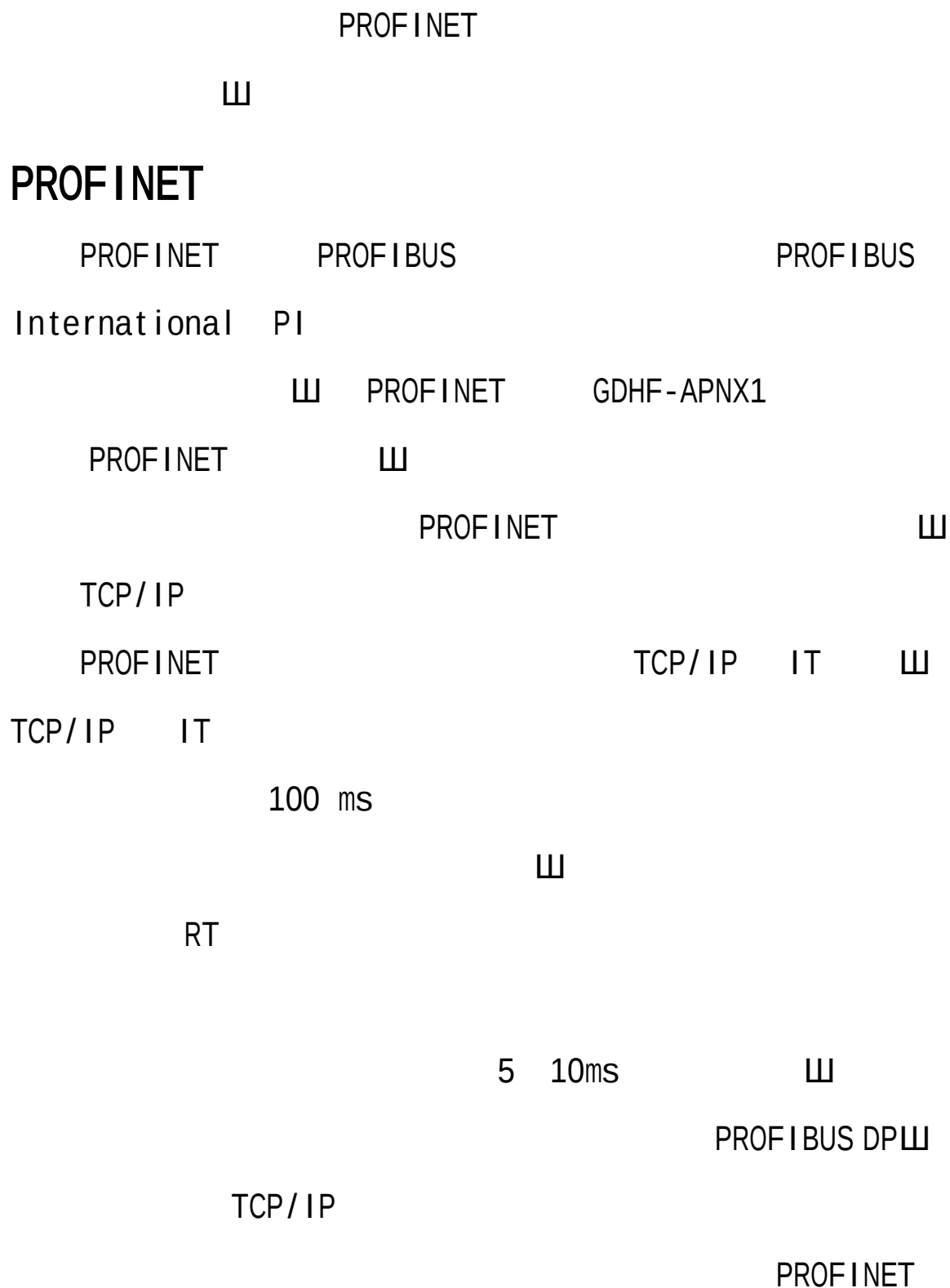
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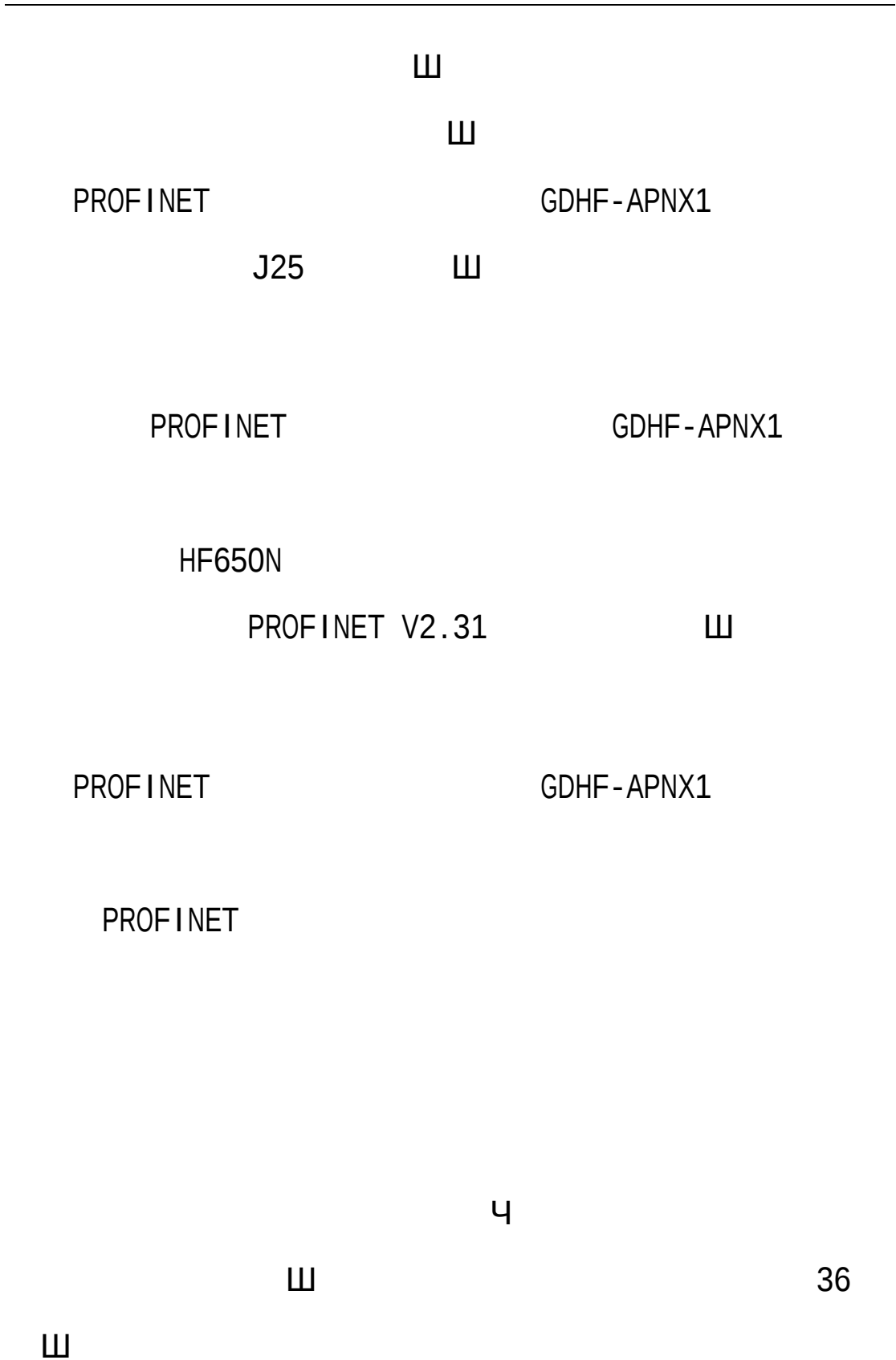
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GDHF - APNX1

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GDHF-APNX1

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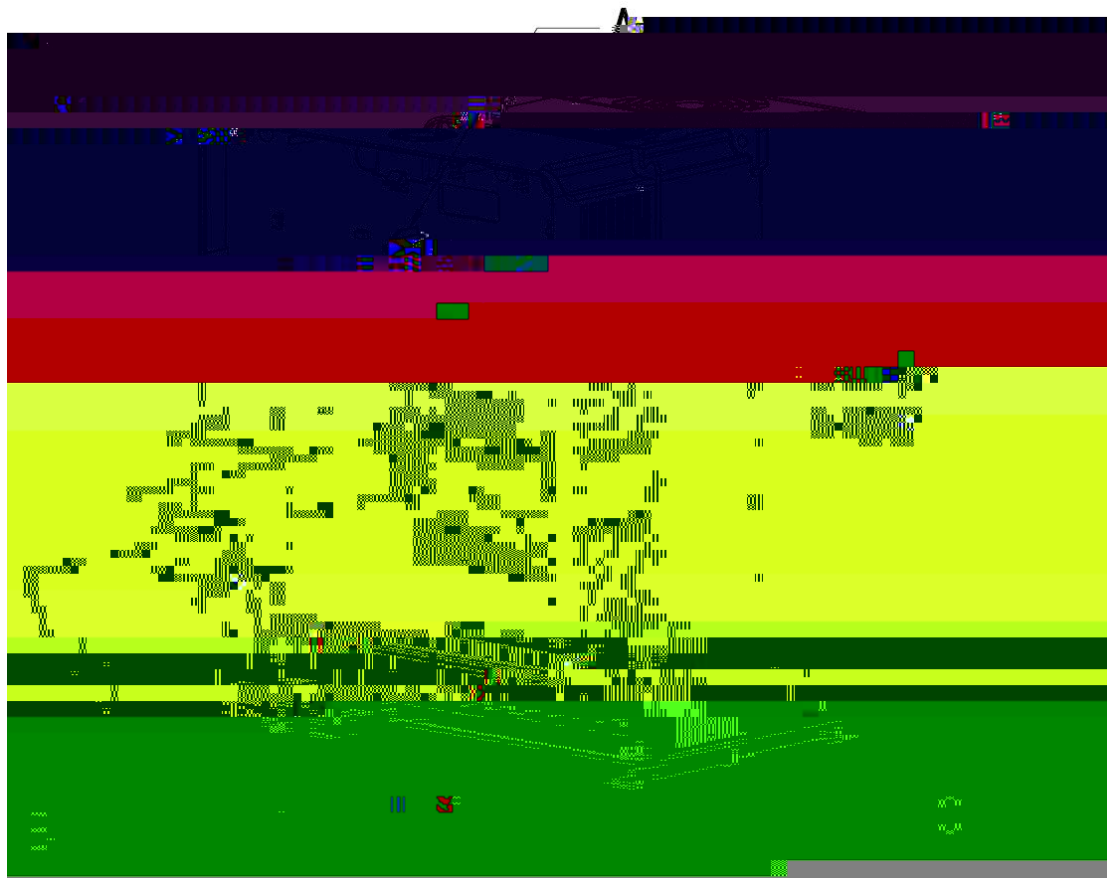
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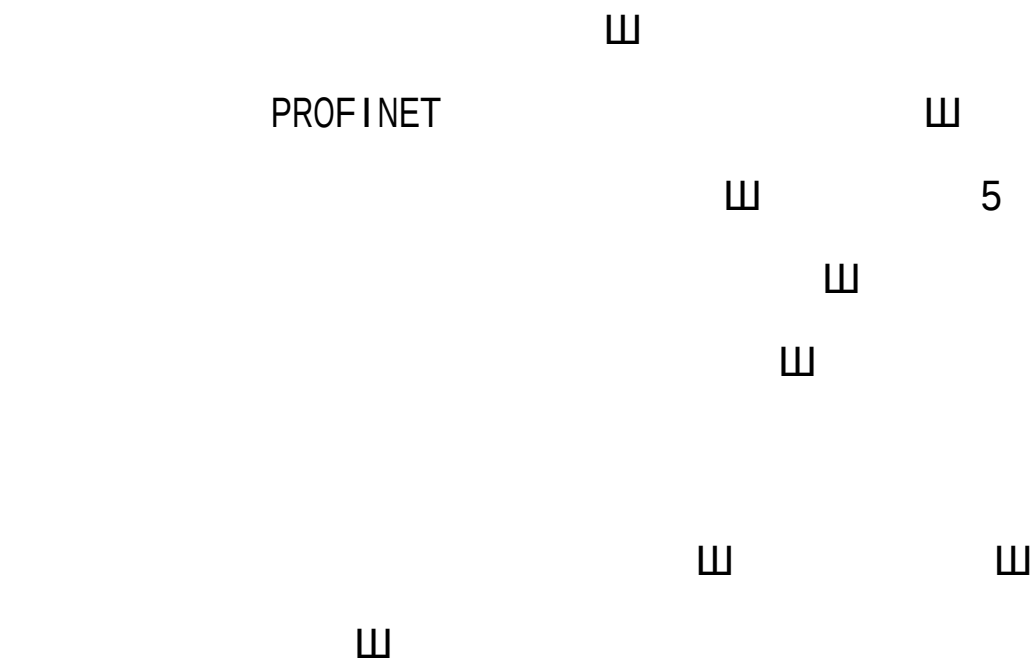
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1 PN



PROFINET

GDHF-APNX1 J2 J3

A B W

A	A
B	B

A B W

Diagram illustrating the connection of three racks to a PROFINET backbone:

- Rack 1 (Left):** Contains a PLC and a PN interface module.
- Rack 2 (Middle):** Contains an HF650N inverter and a PN interface module.
- Rack 3 (Right):** Contains an HF650N inverter and a PN interface module.

The racks are connected to a common PROFINET backbone via their respective PN interface modules.

		Ш	Э
	HF650N	ИШ	
6.			
	PLC	Ш	
7.			
	PROFINET	GDHF-APNX1	
	100Mb/sШ		
8.			
1	PN	Ш	
2	PN	І_Ł	Ш
9.	PN	PLC	
	PN	5	
		Ш	

P02.13	DP/PN	[0]PN	
		[1]DP	
		[2]OTHER	
P02.14	DP/PN	[0]DRAM	
		[1]SCI	SCI
		[2]SPI	SPI

PROFINET

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 GDHF-APNX1

PP0 Parameter/Process Data Objects

PP0

	W 0	W 1	W 2	W 3	W 4	W 5	W 6	W 7	W 8	W 9	W 10	W 11	W 12	W 13	W 14	W 15
PP01	W0	W1	W2	W3	W4	W5										
PP02	W0	W1	W2	W3	W4	W5	W6	W7	W8	W9						
PP05	W0	W1	W2	W3	W4	W5	W6	W7	W8	W9	W10	W11	W12	W13		

3 PP0

PLC (, m 'Ш
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HF650N

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CW0.0	RUN	I 0 L I 1 L
CW0.1	RUN@REV	I 0 L I 1 L
CW0.2	AntiCrabOpen	I 0 L I 1 L
CW0.3	RESET	I 0 L I 1 L
CW0.4	External FAULT	I 0 L I 1 L PROFINET
CW0.5	External ALARM	I 0 L I 1 L PROFINET

CW0.6	DRIVE ENABLE	I 0 L I 1 L
CW0.7	MA/SL Switch	
CW0.8	SPD/TRQ Switch	I 0 L I 1 L
CW0.9	HOOK	I 0 L I 1 L
CW0.10	FIELD ENABLE	I 0 L I 1 L
CW0.11	Torque_Limit_Ctrl	I 0 L I 1 L PROFINET
CW0.12	MOTION_CTRL	I 00 L 1
		I 01 L 2
CW0.13		I 10 L 3
		I 11 L 4
CW0.14	TORQUE_ZERO	I 0 L I 1 L
CW0.15	FREE_RUNNING_STOP	I 0 L I 1 L

2

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SW0.0 READY I 0 L
 I 1 L

SW0.1 RUN I 0 L
 I 1 L

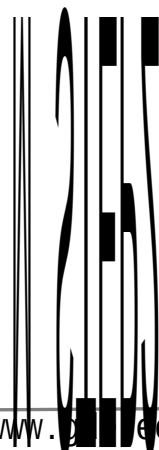
SW0.2 FAULT I 0 L
 I 1 L

SW0.3 MOTOR BRAKE I 0 L
 I 1 L

SW0.4 WARNING I 0 L
 I 1 L

SW0.5 DIRECTION I 0 L
 I 1 L

SW0.6 M_STEP0 I 0 L 1
 I 1 L 1



LED

GDHF-PN02

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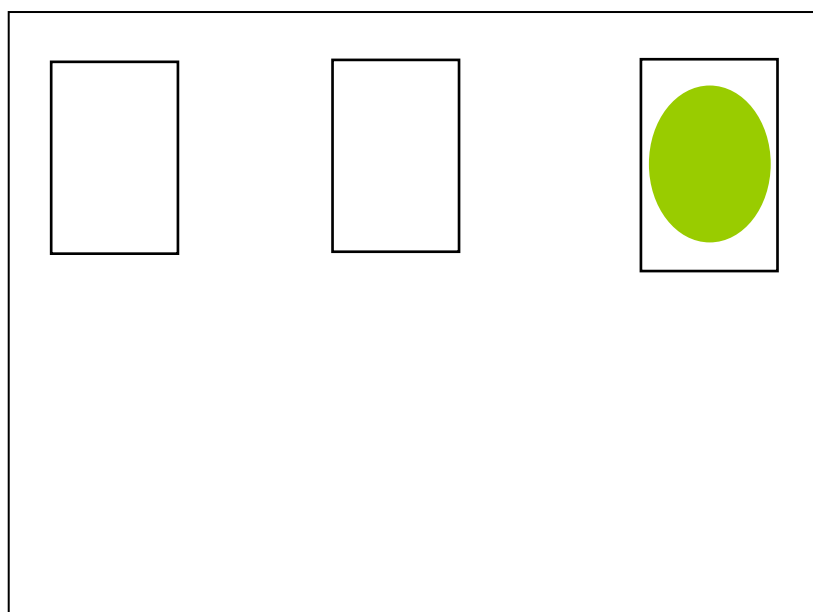
LED

LED

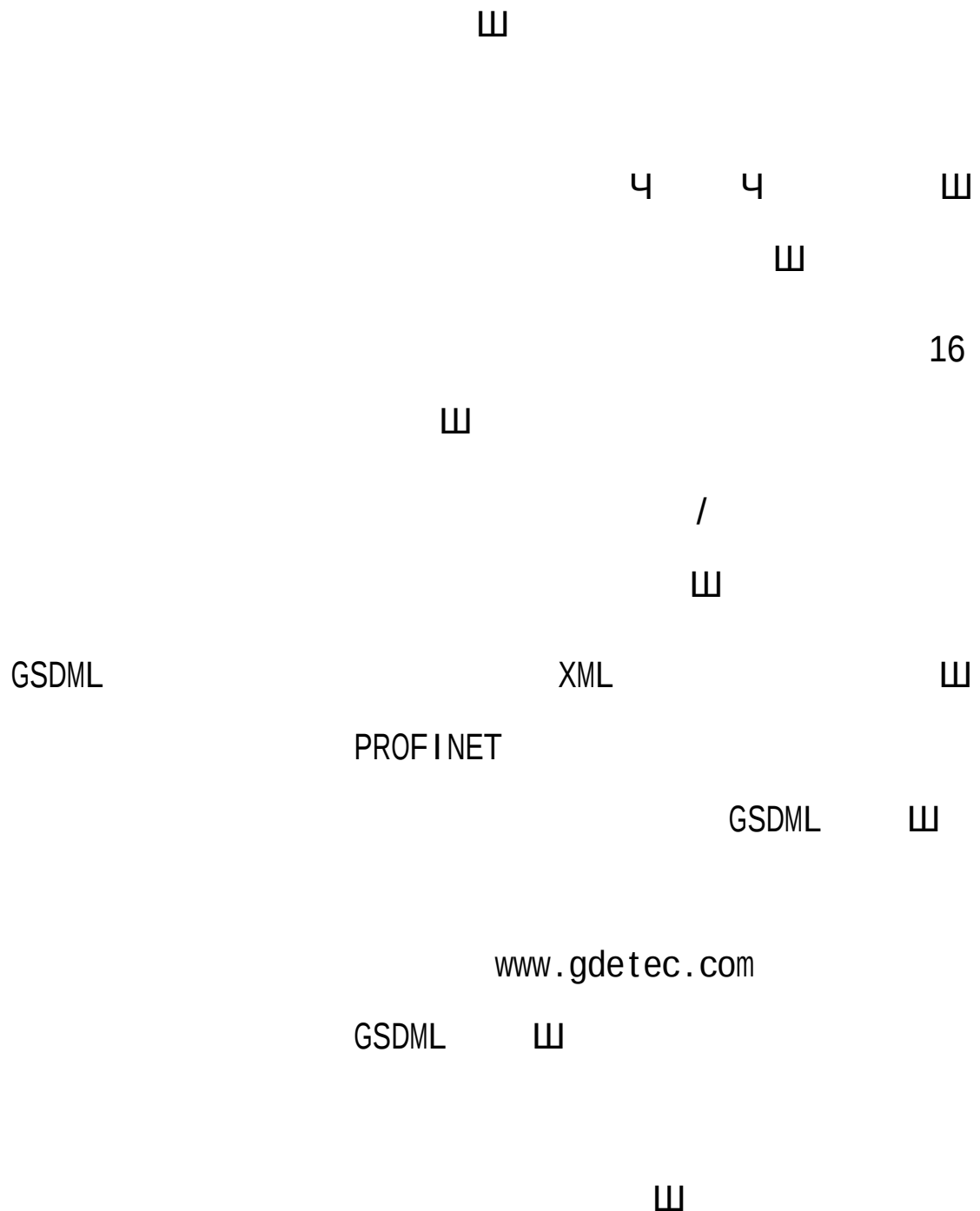
GDHF-PN02

LED

LED



PROFINET

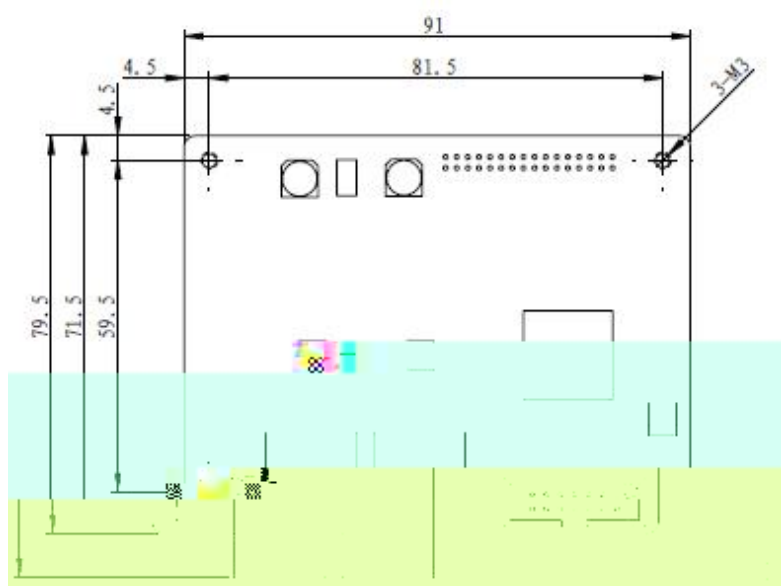
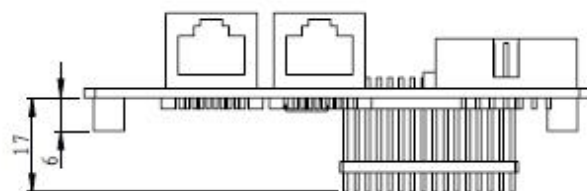


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TIA/EIA-568-B

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	A PROFINET	B DIN 19245 Part1	
	135~165(3~20MHz)	100~130(f>100kHz)	W
	<30	<60	pF/m
	<110	--	á /km
	>0.64	>0.53	mm
	>0.34	>0.22	mm ²

100

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100Mbit/sШ

PROFINET V2.31Ш

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