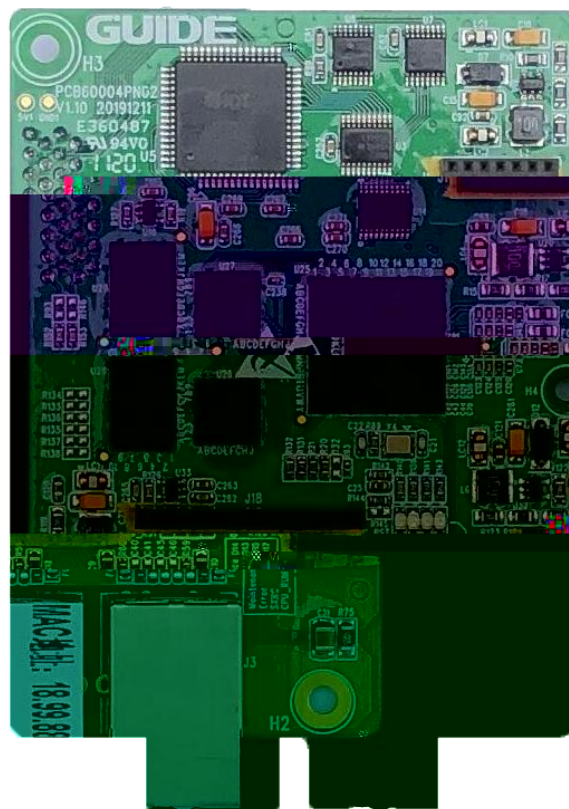


GUIDE

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GDHF-PN02



Wuhan Guide Technology Co.,Ltd.

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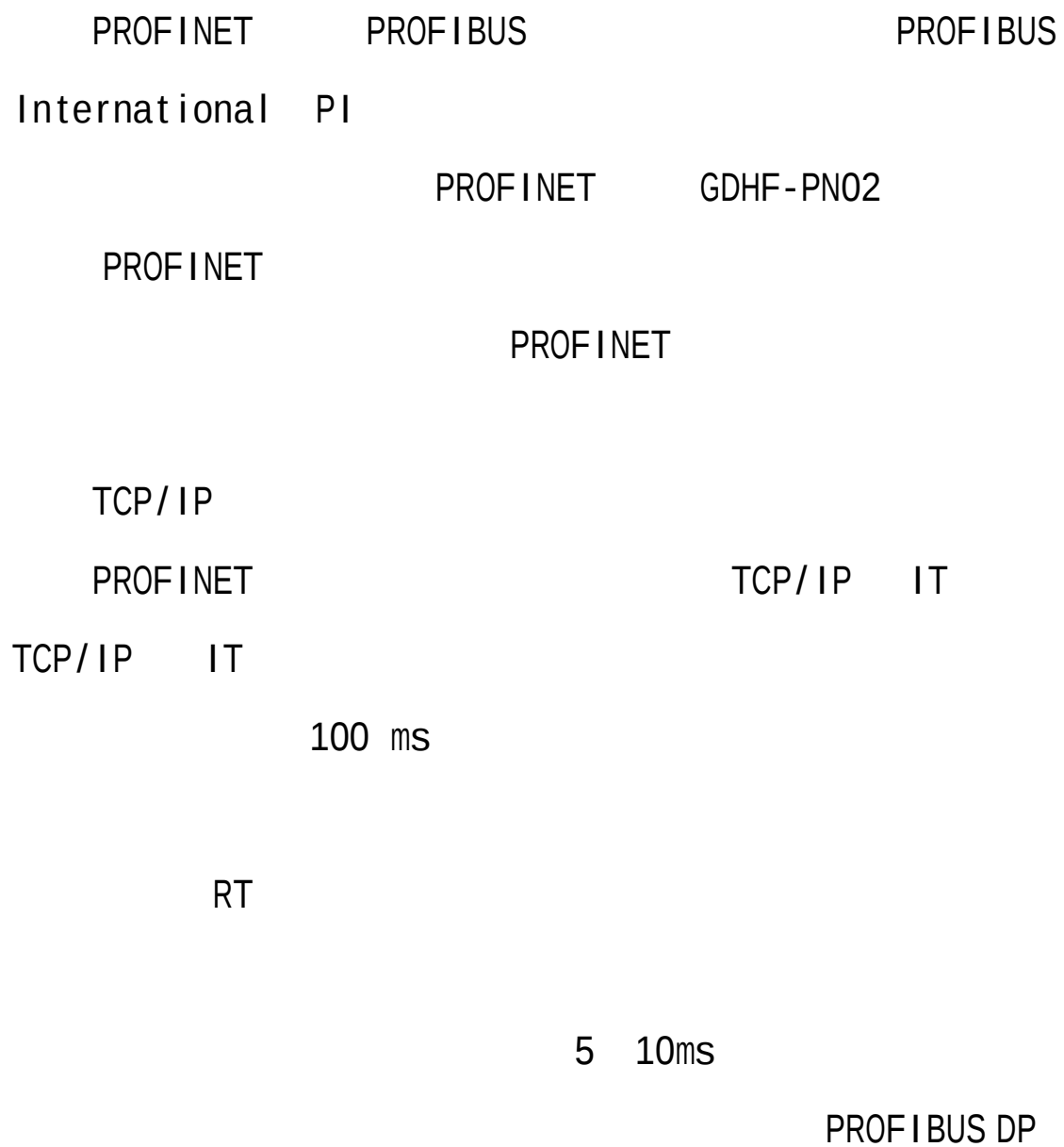
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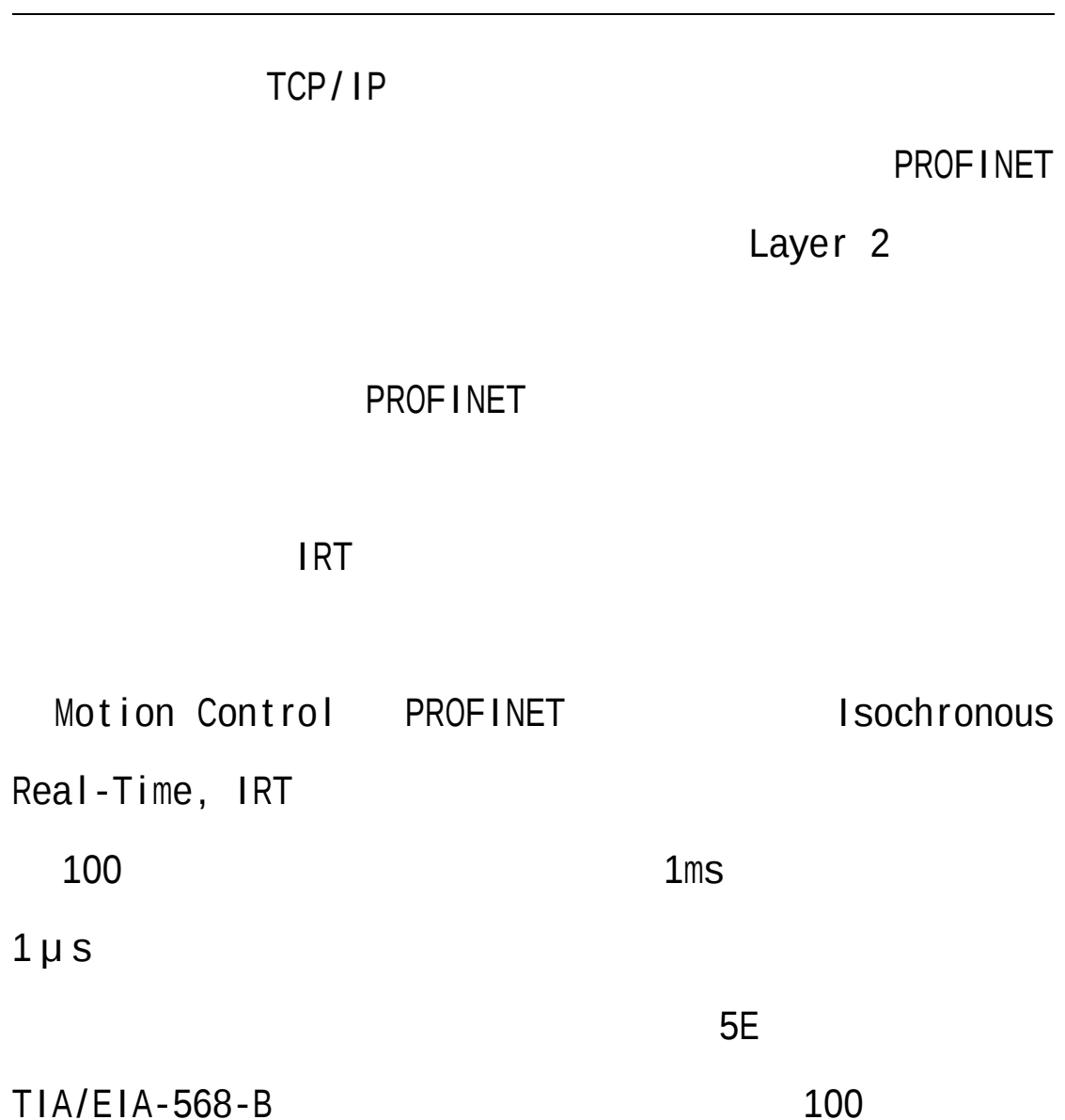
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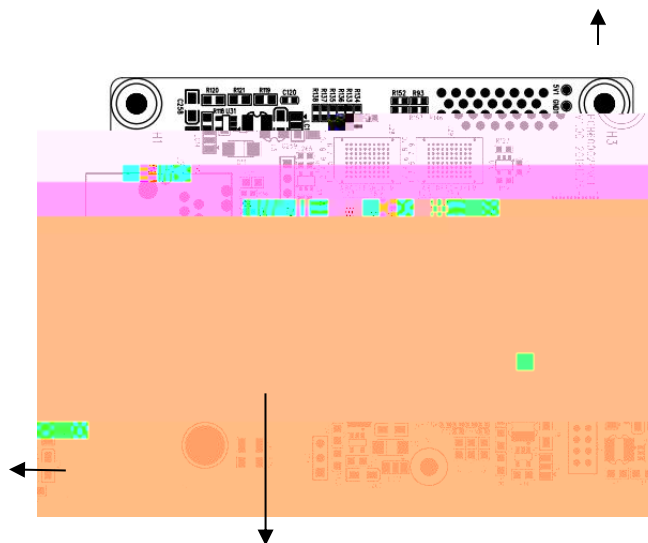
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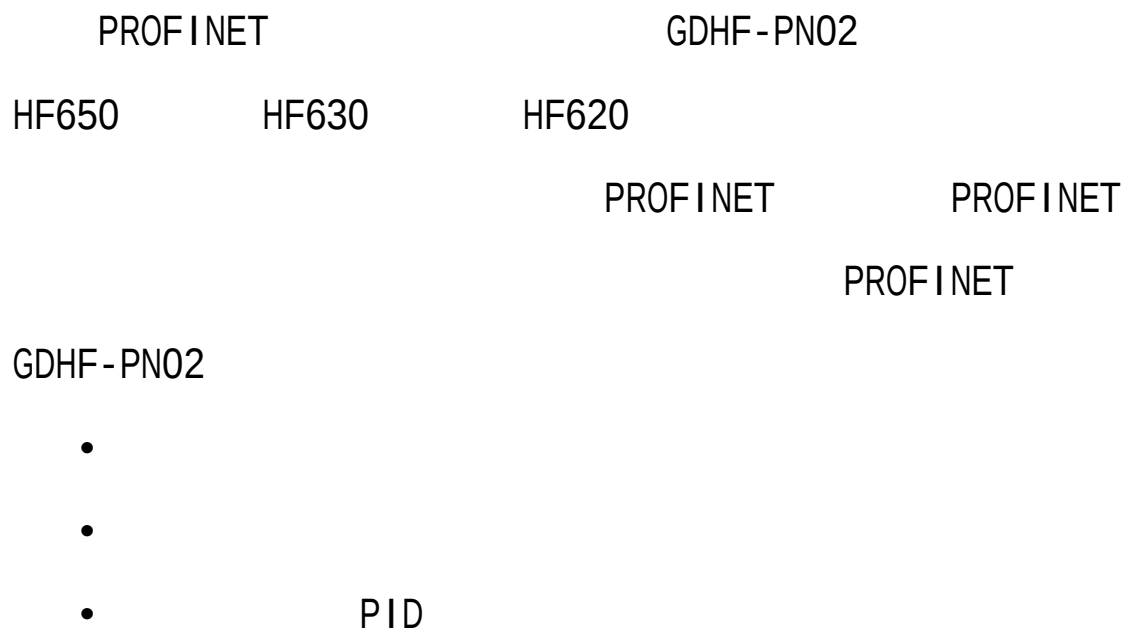




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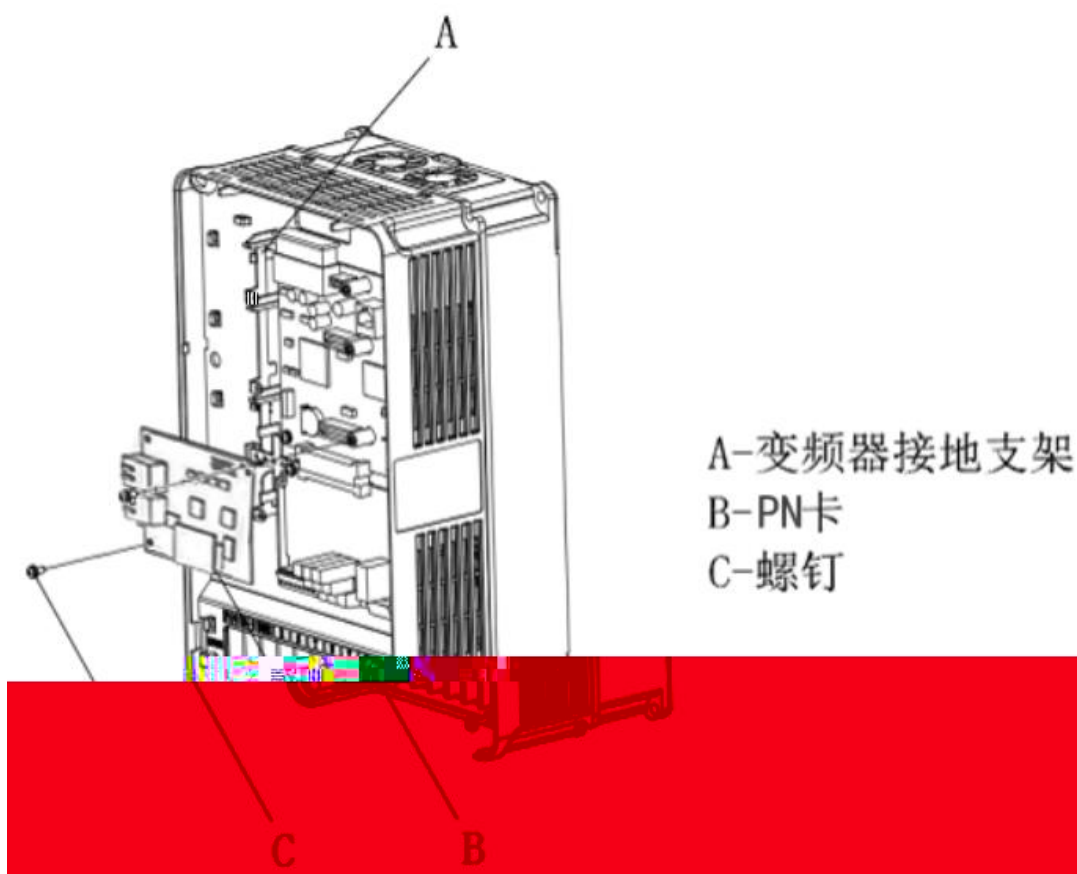
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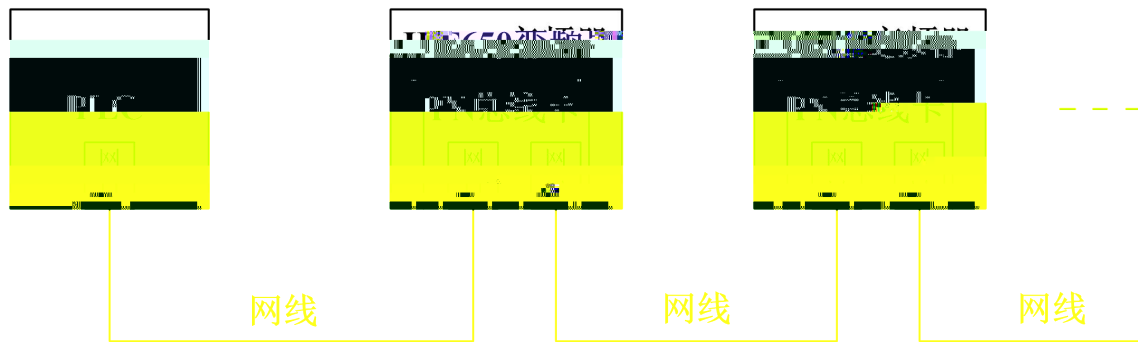
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TIA/EIA-568-B



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PROFINET

PROF I NET

PROF I NET

GDHF - PN02

PROF I NET

GDHF - PN02

(GSDML)

<http://www.guide-electric.com>

GSDML

GSDML - V2.31 - GUIDE - PN.XML

PROF I NET

GDHF - PN02

PROF I NET

1 PROFINET

P33.0	[0]	0	1	0
	[1]			
	[0]PP01			
P33.2	[1]PP02	0	2	1
	[2]PP05			
	[0]			
P33.5	[1]	0	3	0
	[2]			
	[3]			
P33.6	ms	0		50
		1000		
P33.7	[0]	0	000	1
	[1]			
P33.8	Ц - +•			

∂ π Γ]

P33.46	[W0]	[0] × 1 [1] × 10 [2] × 100 [3] × 1000 [4] × 10000 [5] [%] × 1 [6] [%] × 10 [7] [%] × 100	0 4	0
...	...	...	...	...

1. PROFINET

[0] PROFINET

[1] PROFINET

2. PROFINET

PP0 Parameter/Process Data Objects, /

PROFINET PP0

2 PP0

PPP05

3.

HF650

4.

PLC

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HF650

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PLC

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PROFINET

GDHF-PN02

100Mb/s

PROFINET

PROFINET GDHF-PN02

PROFINET PROFINET

PP0 Parameter/Process Data Objects

/ PP0

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		

4 PP0

PLC

2

W0	PA_CTRL	bit		
		0	PA_ENABLE	' 0 ' ' 1 '
		1	WRITE	' 0 ' ' 1 '
		2	SAVE_to_FLASH	' 0 ' ' 1 ' FLASH
		3 ~ 15	Reserved	
W1	Address	byte	[15..08]	[07..00]
		Data		
W2	0	0		
W3	Data	16		

PLC

3

W0	PA_STATUS	bit		
		0	Reserved	
		1	Reserved	
		2	SAVE_to_FLASH	' 0 ' ' 1 ' FLASH
		3	ILLEGAL_ADDRES S	' 0 ' ' 1 '
		4 ~ 15	Reserved	
W1	Address	byte	[15..08]	[07..00]
		Data		
W2	0	0		
W3	Data	16		

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HF650

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CW0.0	RUN	' 0 ' ' 1 '
CW0.1	RUN@REV	' 0 ' ' 1 '
CW0.2	Ant iCrabOpen	' 0 ' ' 1 '

CW0.3	RESET	' 0 ' ' 1 '
CW0.4	External FAULT	' 0 ' ' 1 ' PROFINET
CW0.5	External ALARM	' 0 ' ' 1 ' PROFINET
CW0.6	DRIVE ENABLE	' 0 ' ' 1 '
CW0.7	MA/SL Switch	
CW0.8	SPD/TRQ Switch	' 0 ' ' 1 '
CW0.9	HOOK	' 0 ' ' 1 '
CW0.10	FIELD ENABLE	' 0 ' ' 1 '
CW0.11	Torque_Limit_Ctrl	' 0 ' ' 1 ' PROFINET
CW0.12	MOTION_CTRL	' 00 ' 1

CW0.13		' 01 ' 2 ' 10 ' 3 ' 11 ' 4
CW0.14	TORQUE_ZERO	' 0 ' ' 1 '
CW0.15	FREE_RUNNING_STOP	' 0 ' ' 1 '

2		5	
SW0.0	READY	' 0 '	
		' 1 '	
SW0.1	RUN	' 0 '	
		' 1 '	
SW0.2	FAULT	' 0 '	
		' 1 '	
SW0.3	MOTOR BRAKE	' 0 '	
		' 1 '	
SW0.4	WARNING	' 0 '	
		' 1 '	
SW0.5	DIRECTION	' 0 '	
		' 1 '	
SW0.6	M_STEP0	' 0 '	1
		' 1 '	1
SW0.7	M_STEP1	' 0 '	2
		' 1 '	2

SW0.8	M_STEP2	3 ' 0 ' 3 ' 1 ' 3
SW0.9	M_STEP3	4 ' 0 ' 4 ' 1 ' 4
SW0.10	Reserved	
SW0.11	Reserved	
SW0.12	REMOTE/LOCAL	/ ' 0 ' ' 1 '
SW0.13	Reserved	
SW0.14	MOTION SEL	' 00 ' 1
		' 01 ' 2
SW0.15		' 10 ' 3
		' 11 ' 4

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PROFINET

PROFINET

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PROFINET

LED

GDHF-PN02

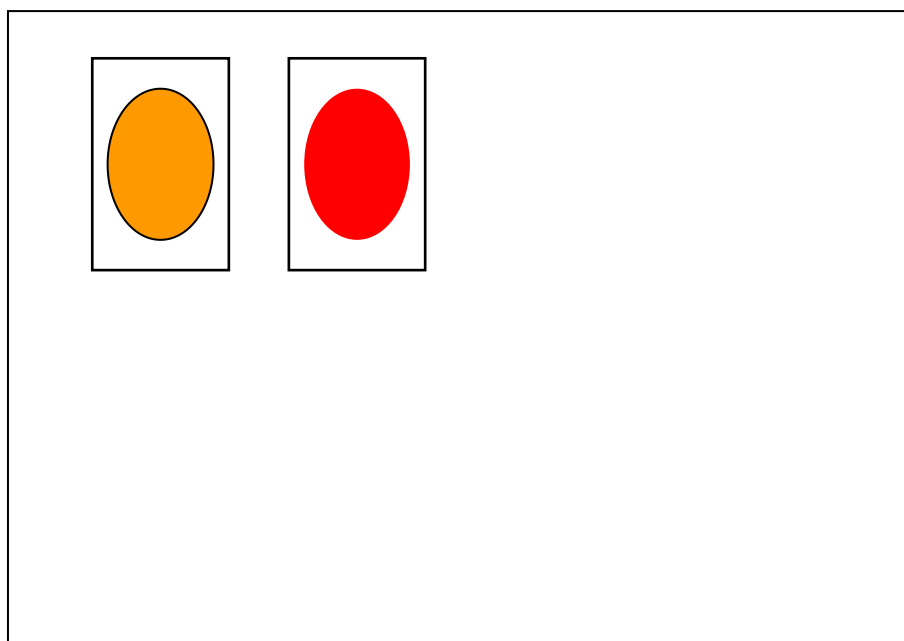
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LED

LED

GDHF-PN02

LED



SXNC		PROFINET RT
CPU_RUN		PROFINET PROFINET

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GSDML

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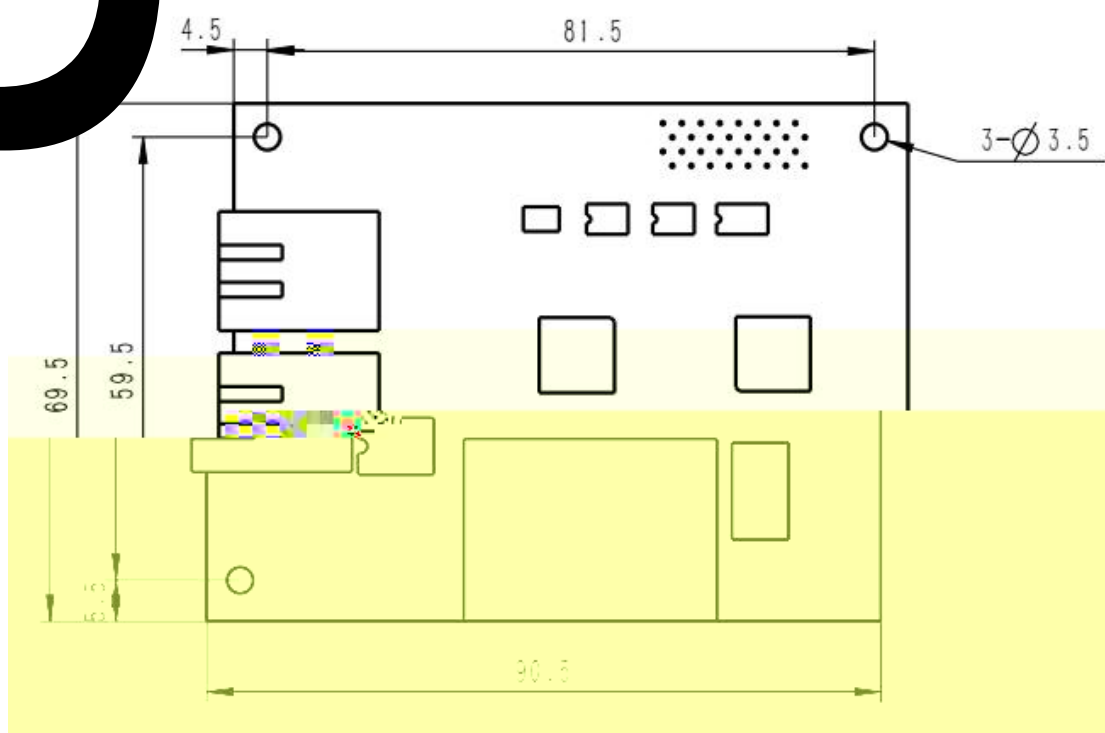
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5 PROFINET

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PROFINET

PROFINET

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TIA/EIA-568-B

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

100

100Mbit/s

PROFINET V2.31

Wuhan Guide Technology Co.,Ltd.

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430223

86-027-87927230

shfw@gdetec.com

www.gdetec.com

400-0077-570