

Net Info 1

..... 1

Info 1

Logic Memory Section 3

Channel Map 3

Net Info

× Configurator Net Information Tab

Setup

Main

Address

Config

Scan

ScanError

Download

Upload

Save

Load

Compare

Net 0

Net 1

Topology

NetInfo

SlaveInfo

ProcessData

- NetInfo
- Cycle Time
- Redundancy()
- Logic Memory Section
- DI / DO Channel Map
- AI / AO Channel Map

Info

Logic Out

Logic In

DI/O Channel Map

AI/O Channel Map

FMMU

Driver PDO

Cycle Time

Cycle Time

1000

μs (Min : 10μs / Max : 1000μs)

Process Time (Net)

60

Cycle time of the DSP-Core0

ProcessTime(App)

36

Cycle time of the DSP-Core 1

Data Size

Output

27

Byte

Input

51

Byte

DC Setup

Dc Offset

50000

ns

Redundancy

☐ Redundancy (링 이중화) 사용

Cycle Time

- Cycle Time

-

- Download

- 가 125 / 250 / 500 / 1000 / 2000 / 4000 , us .
 - 32 ¹⁾ , 500us 가 .
 - 16 , 250us 가 .
 - 8 , 125us 가 .

× ProcessTime CycleTime .

- Process Time

- Process Time (Net) : DSP-Core 0
- Process Time (App) : DSP-Core 1
- Process Time us .

Data Size

- OutPut : Output Data . 2048 Byte .
- Input : Input Data . 2048 Byte .

DC Setup

- **SyncMode**가 DC-Sync ,

-

- Master EtherCAT Frame .
- .

- Frame

- 가 ,
- 가 .
- 가 .
- , 가 . (,)

- Master EtherCAT Frame

- **DC Offset** .

- ns , 50,000 50us .
- -999,999 ~ 999,999 .
- 50,000 ~ 100,000 가 .
- (-) 가 , -50,000 , 50us Frame .
- , DC-Offset
- Frame 0 가 DC Offset 50,000 , 50us ,
- 가 .
- , DC-Offset .

Redundancy

- , “Redundancy() ” .

Logic Memory Section

Info	Logic Memory Section - Output	Logic Memory - Input	DI/O Channel Map	AI/O Channel Map		
Start Address	Length	Type	Device	No	Alias	
DO						
0	1	DO	ETS-D08MN	10	0245	
1	1	DO	ETS-D08MN	11	0246	
2	2	DO	ETS-D016N	13	0248	
AO						
4	4	AO	ETS-A0402MV-E	6	0244	
8	8	AO	ETS-A004V-E	9	0241	
SERVO						
16	12	SERVO	R88D-KN01H-ECT	2	0005	
28	12	SERVO	R88D-KN01H-ECT	3	0003	

- (Input/Output) Slave가 Master Slave Frame .

Channel Map

Info	Logic Memory Section - Output	Logic Memory - Input	DI/O Channel Map	AI/O Channel Map			
Start Channel	Channel Count	Start L-Address	Start L-Bit	Device	No	Alias	
Digital Input Channel Map							
0	8	0	0	ETS-D08MN	10	0245	
8	8	2	0	ETS-D08MN	11	0246	
16	16	4	0	ETS-DI16N	12	0247	
Digital Output Channel Map							
0	8	0	0	ETS-D08MN	10	0245	
8	8	1	0	ETS-D08MN	11	0246	
16	16	2	0	ETS-DO16N	13	0248	

- Slave Type

DI / DO / AI / AO

Slave

Global Channel Map
- ex) 0x246 ETS-D08MN

8 ~ 15

Global Channel
- Channel Map

IO Channel Mapping

1)

COMI-LX554

64

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