

MECHATROLINK Master product connectivity data sheet (Year)2009/(Month)1/(Day)1

Name of Company	YASKAWA
Model	MP2110,MP2110M,MP2110CP,MP2110MCP
Product type	JAPMC-MC2110,JAPMC-MC2130,JAPMC-MC2150,JAPMC-MC2170
Version	V02.18

1.Supported Specification: Check the supported specification.

:Mandatory spec  :One of specifications are supported.  :Optional spec

				Category 3	Category 2	Category 1
Communication specification	Protocol	MECHATROLINK-I	17byte	<input type="checkbox"/>		
		MECHATROLINK-II	17byte	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
			32byte	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Transmission Cycle	MECHATROLINK-I	2ms	<input type="checkbox"/>		
			1ms	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		MECHATROLINK-II	2ms	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
			Other supported transmission cycles	0.5ms 4ms		
Supported slave device	Servo driver			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Stepping motor driver			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
	Intelligent I/O			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
	Simple I/O			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
	Inverter			<input checked="" type="checkbox"/>		
Communication type	Synchronous			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Asynchronous			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2.Supported commands: Check the supported command.

Command Group	Command	Supported	Command Group	Command	Supported	Command Group	Command	Supported
Common	NOP	<input type="checkbox"/>	Simple I/O	MDS	<input type="checkbox"/>	Inverter	INV_CTL	<input type="checkbox"/>
	PRM_RD	<input type="checkbox"/>		CDRW	<input type="checkbox"/>		INV_I/O	
	PRM_WR	<input type="checkbox"/>	Servo/ stepping	DATA_RWA				
	ID_RD	<input type="checkbox"/>		DATA_RWS				
	CONFIG	<input type="checkbox"/>		SMON	<input type="checkbox"/>			
	ALM_RD	<input type="checkbox"/>		SV_ON	<input type="checkbox"/>			
	ALM_CLR	<input type="checkbox"/>		SV_OFF	<input type="checkbox"/>			
	SYNC_SET	<input type="checkbox"/>		INTERPOLATE	<input type="checkbox"/>			
	CONNECT	<input type="checkbox"/>		POSING	<input type="checkbox"/>			
	DISCONNECT	<input type="checkbox"/>		FEED	<input type="checkbox"/>			
	PPRM_RD			LATCH	<input type="checkbox"/>			
	PPRM_WR	<input type="checkbox"/>		EX_POSING	<input type="checkbox"/>			
	POS_SET	<input type="checkbox"/>		ZRET				
	BRK_ON			VELCTRL	<input type="checkbox"/>			
	BRK_OFF			TROCTRL	<input type="checkbox"/>			
	SENS_ON	<input type="checkbox"/>		ADJ	<input type="checkbox"/>			
	SENS_OFF			LTMOD_ON				
	HOLD	<input type="checkbox"/>		LTMOD_OFF				

3.Supported Slave devices list (However, it does not guarantee operation of the indicated slave device.)

No.	Name of Company	Product type	Connection conditions	Note
1	YASKAWA	SGDH		
2	YASKAWA	SGDS		
3	YASKAWA	SGDV		
4	YASKAWA	SJDE		
5	YASKAWA	IO2310		
6	YASKAWA	PL2900		
7	YASKAWA	PL2910		
8	YASKAWA	AN2900		
9	YASKAWA	AN2910		
10	ORIENTAL	α STEP		

