

# Panasonic

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# Automation News

PRODUCTS FOR ADVANCED TECHNOLOGY

## Components

T-858  
Sep 20, 2004

### Announcement of discontinued production

We would like to inform you of the discontinued products as below.

1. Already discontinued products
2. Discontinued products in 2005

#### 1. Already discontinued products

##### • Relays

Products name	Old part no.	Substituted products name	Substituted part no.	Reason and remarks	Phase-out schedule
HC3-wrapping socket HC3-wrapping socket (with hold-down clip)	HC3-WS-K AP383603	HC4-wrapping socket HC4-wrapping socket (with hold-down clip)	HC4-WS-K AP384603	Less needs caused by decreasing demand	End of Jan. 2004
RG relays 	ARG○○○	RK relay RE relay	ARK○○○ ARE○○○	Less needs caused by decreasing demand	End of Aug. 2004
RM relays 	ARM2○○○	RJ relay	ARJ2○○○	Less needs caused by decreasing demand	End of Aug. 2004
SP relay terminal socket (Wrapping socket)	AR1926 AR1946	SP relay terminal socket (Socket with soldering)	AR1924 AR1944	Less needs caused by decreasing demand	End of Aug. 2004
Motion-detecting sensor (passive infrared type) 	AMP○○○	NaPiOn	AMN○○	Less needs caused by decreasing demand and Discontinued electronic parts	End of Aug. 2004

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• **Electro-Mechanical Device**

Products name	Old part no.	Substituted products name	Substituted part no.	Reason and remarks	Phase-out schedule
TIP switches (AHF1) 	AHF1000	TIP swithces (AHF2)	AHF2000	Less needs caused by decreasing demand	End of Aug. 2004
J0 toggle switches 	AJ0000	None	—	Less needs caused by decreasing demand	End of Aug. 2004

• **Connectors**

Products name	Old part no.	Substituted products name	Substituted part no.	Reason and remarks	Phase-out schedule
Systemconnectors for cellular phone: Low profile type 	AXR8121 AXR8221	System connector Ultra low profile type	AXR3000	Less needs caused by decreasing demand	End of Aug. 2004
System connectors for cellular phone 	AXR1111 AXR221 AXR261	System connector Ultra low profile type	AXR3000	Less needs caused by decreasing demand	End of Aug. 2004
USB connectors (Plug with cable) 	AXJ13000	None	—	Less needs caused by decreasing demand	End of Aug. 2004
IEEE1394 connectors (Plug, plug with cable) 	AXJ220112 AXJ231112 AXJ231122 AXJ231132	None	—	Less needs caused by decreasing demand	End of Aug. 2004

• **PLC**

Products name	Old part no.	Substituted products name	Substituted part no.	Reason and remarks	Phase-out schedule
Programmable controller Multi CPU system (FP3 multi CPU backplane FP3 multi CPU expansion backplane Multi CPU setting software)	AFP35001 AFP35002 AFP35003 AFP35004 AFP166118	None	—	Less needs caused by decreasing demand and Discontinued electronic parts	End of Aug. 2004
Programmable controller FP10S CPU unit	AFP6231	Programmable controller FP10SH CPU unit	AFP6211V3 AFP6221V3	FP10SH cover all the types of FP10S. Less needs caused by decreasing demandand discontinued electronic parts.	End of Aug. 2004

• Programmable display

Products name	Old part no.	Substituted products name	Substituted part no.	Reason and remarks	Phase-out schedule
Programmable display VT30	AIV30000	None	—	Discontinued electronic parts, decreasing demand and release of new products	End of Aug. 2004

• Image processing device

Products name	Old part no.	Substituted products name	Substituted part no.	Reason and remarks	Phase-out schedule
MICRO-IMAGECHECKER M300	ANM300000	None	—	Discontinued electronic parts, decreasing demand and release of new products	Feb. 2004

• Monitor

Products name	Old part no.	Substituted products name	Substituted part no.	Reason and remarks	Phase-out schedule
CRT monitor for image processing	AUGPBM910	Available	ANMA810	Discontinued electronic parts	Feb. 2003

• FR-ID tag

Products name	Old part no.	Substituted products name	Substituted part no.	Reason and remarks	Phase-out schedule
FR-ID tag control unit 1ch type 2ch type	AFR2202 AFR2212	None	—	Less needs caused by decreasing demand and Discontinued electronic parts	End of Aug. 2004
FR-ID tag Leader light head 100 square head 50 square head	AFR2302 AFR2312	None	—	Less needs caused by decreasing demand and Discontinued electronic parts	End of Aug. 2004
FR-ID tag Intermediate range tag Compact tag Coin tag FRC-ID coin tag	AFR2411 AFR2421 AFR2431 AFR24015	None	—	Less needs caused by decreasing demand and Discontinued electronic parts	End of Aug. 2004

• Timers / Counters / Time Switches

Your order-in will be processed until 3 months before phase-out schedule.

Products name	Old part no.	Substituted products name	Substituted part no.	Reason and remarks	Phase-out schedule
Compact timers rear terminal socket	AT78049	Available	AT7804	Because AT7804 is now UL and CSA certified.	End of Dec. 2003
A-TB72CL calendar time switches 	ATB76067 ATB76267	Cabling and Control Panel Division TB53 Series Weekly time switch	TB53101 TB53201	Discontinued electronic parts	End of Feb. 2004

## 2. Discontinued products in 2005

### • Relays

Your order-in will be processed until 3 months before phase-out schedule.

Products name	Types		Old part no.	Substituted products name	Substituted part no.	Reason and remarks	Phase-out schedule			
HX relays	All types		AHX2○○○	TX relay	ATX2○○○	Less needs caused by decreasing demand Notification of this already made in Automation News of April, 2004 (T-832).	End of Feb. 2005			
JA relays 	TMP	AC	1c	JA1c-TMP-	(HL relays)	Please consult us	Less needs caused by decreasing demand Notification of this already made in Automation News of April, 2004 (T-832).	End of Mar. 2005		
			1a	JA1a-TMP-	(HL relays)					
			1b	JA1b-TMP-	(HL relays)					
		DC	1c	JA1c-TMP-	(HL relays)	Please consult us				
			1a	JA1a-TMP-	JM relays	JM1aN-ZTMP- (Flat type)				
					LF relays	ALF1T○○○ (Slim type)				
		1b	JA1b-TMP-	(HL relays)	Please consult us					
		TM	AC	1c	JA1c-TM-	HL relays			HL1-HTM-	
				1a	JA1a-TM-	HL relays			HL1-HTM-	
	1b			JA1b-TM-	HL relays	HL1-HTM-				
	DC		1c	JA1c-TM-	HL relays	HL1-HTM-				
			1a	JA1a-TM-	JM relays	JM1aN-ZTM-				
					HL relays	HL1-HTM-				
	1b		JA1b-TM-	HL relays	HL1-HTM-					
	HA relays 		Dust cover	AC	1c	HA1- HA1F-			HC relays	HC1-HP (HPL)-
									NC relays	NC2D-P- (Slim type)
		NC2D-JP- (Flat type)								
		DC		HA1- HA1F-		HC relays			HC1-HP (HPL)-	
NC relays						NC2D-P- (Slim type)				
						NC2D-JP- (Flat type)				
Amber		AC	1c	HA1E-	HC relays	HC1E-HP-				
					NC relays	NC2EBD-P- (Slim type)				
						NC2EBD-JP- (Flat type)				
		DC		HA1E-	HC relays	HC1E-HP-				
					NC relays	NC2EBD-P- (Slim type)				
						NC2EBD-JP- (Flat type)				

• Relays

Your order-in will be processed until 3 months before phase-out schedule.

Products name	Types		Old part no.	Substituted products name	Substituted part no. <small>(Notes 1)</small>	Reason and remarks	Phase-out schedule		
 <p>JY-N relays</p>	Sealed	Standard	1a	JY1aFSN-	JW relays (Standard) JS relays	JW1aSN- JS1a-	Less needs caused by decreasing demand Notification of this already made in Automation News of April, 2004 (T-832). End of Mar. 2005		
			1c	JY1FSN-	JW relays (Standard) JS relays	JW1SN- JS1-			
		High capacity	1a	JY1aJSN-	JW relays (High capacity) JS relays	JW1aFSN- JS1a-			
			1c	JY1JSN-	JW relays (High capacity) JS relays	JW1FSN- JS1-			
		Flut-resistant	Standard	1a	JY1aFN-	JW relays (Standard) JS relays		JW1aHN- JS1aF-	
				1c	JY1FN-	JW relays (Standard) JS relays		JW1HN- JS1F-	
	High capacity		1a	JY1aFSN-	JW relays (High capacity) JS relays	JW1aFHN- JS1aF-			
			1c	JY1FSN-	JW relays (High capacity) JS relays	JW1FHN- JS1F-			
	All types		NR-(R-)			Signal relays PhotoMOS relays		Please consult us Please consult us	Less needs caused by decreasing demand Notification of this already made in Automation News of April, 2004 (T-832). End of Aug. 2005
	 <p>DX relays</p>	All types		DX2-	Signal relays (T, G, DS relays)	Please consult us		Less needs caused by decreasing demand Notification of this already made in Automation News of April, 2004 (T-832). End of Aug. 2005	
	 <p>TF relays</p>	All types		TF2-	TQ relays TX-S relays	TQ2- TXS2-			
 <p>RZ coaxial switches</p>	50Ω series		ARZ140○○○ ARZ220○○○	RD coaxial switches RX relay	ARD○○○ ARX○○○	Less needs caused by decreasing demand End of Aug. 2005			
	75Ω series		ARZ145○○○ ARZ225○○○	RE relay(75Ω type) RK relay	ARE13○○○ ARK○○○				
 <p>DSBT relay</p>	BBM		AGBT23○○○	DS(2C)relay TX-D relay	AG2○○○ ATXD2○○○ (Except MBB)	Less needs caused by decreasing demand End of Aug. 2005			
	MBB		AGBT20○○○	TX-D relays	ATXD2○○○2○○○				

Special order parts related to the above parts are scheduled to be discontinued at the same time.

• **Connectors**

Your order-in will be processed until 3 months before phase-out schedule.

Products name	Old part no.	Substituted products name	Substituted part no.	Reason and remarks	Phase-out schedule
USB connector receptacle series B 	AXJ115301S	None	—	Less needs caused by decreasing demand	End of Aug. 2005

• **Programmable Display**

Your order-in will be processed until 3 months before phase-out schedule.

Products name	Old part no.	Substituted products name	Substituted part no.	Reason and remarks	Phase-out schedule
Programmable display GT10 	AIGT100000	GT11	AIGT2030B AIGT2030H	Discontinued electronic parts, decreasing demand and release of new products	End of Aug. 2005

• **PLC**

Your order-in will be processed until 3 months before phase-out schedule.

Products name	Old part no.	Substituted products name	Substituted part no.	Reason and remarks	Phase-out schedule
Programmable controller FP2 analog input unit	Including AFP2400 and "U-order" products.	FP2 analog input unit	AFP2400L AFP2410 AFP2402	Because switch can be made to successor products on left.	End of Aug. 2005
Programmable controller FP2 CPU unit with analog I/O	AFP2213	FP2 analog input unit	AFP2400L AFP2410 AFP2402	Because switch can be made to successor products on left.	End of Aug. 2005
		FP2 analog output unit	AFP2410		
FP0 power supply unit	AFP0631	FP0 power supply unit	AFP0634	Because complete replacement is possible due to upward compatibility.	End of Aug. 2005

• **Memory relays**

Your order-in will be processed until 3 months before phase-out schedule.

Products name	Old part no.	Substituted products name	Substituted part no.	Reason and remarks	Phase-out schedule
Memory relays	AMR100000 AMR200000	None	None	Discontinued electronic parts	End of Aug. 2005

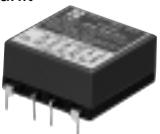
• **Pattern selector**

Your order-in will be processed until 3 months before phase-out schedule.

Products name	Old part no.	Substituted products name	Substituted part no.	Reason and remarks	Phase-out schedule
Pattern selector	Including AFK100000 and "U-order" products.	None	None	Discontinued electronic parts	End of Aug. 2005

• **Timer/Limit switches**

Your order-in will be processed until 3 months before phase-out schedule.

Products name	Old part no.	Substituted products name	Substituted part no.	Reason and remarks	Phase-out schedule
CHP timer 	CHP series (AT6000) (AT8000) (AT86000)	PM4H recommended PM4S recommended	ATC10000 ATC90000	Discontinued electronic parts	Sep. 2005
PMH timer 	PMH series (AT41000) (AT42000) (AT43000) (AT44000)	PM4H recommended PM4S recommended	ATC10000 ATC90000	Discontinued electronic parts	Sep. 2005
CDF timer 	CDF (AD2000)	S1DX	ADX10000	Discontinued electronic parts	Sep. 2005
CN-C time unit 	CN-C (AQ4000)	None	—	Discontinued electronic parts	Sep. 2005
Defrost timer 	A-TB11 (ATB11000)	None	—	Discontinued electronic parts	Sep. 2005
Limit switch 	New slitted type limit switches (AZ66000)	None	—	Discontinued electronic parts	Sep. 2005

• **Operation switches**

Your order-in will be processed until 3 months before phase-out schedule.

Products name	Old part no.	Substituted products name	Substituted part no.	Reason and remarks	Phase-out schedule
Operation switches 	C2 type Illumination push button switches (AC20000)	None	—	Discontinued electronic parts	Sep. 2005