

# Automation News

PRODUCTS FOR ADVANCED TECHNOLOGY

## Components

T-807  
Sep 20, 2003



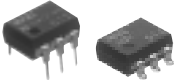
### Announcement of discontinued production

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








1. Already discontinued products
2. Discontinued products in 2004

#### 1. Already discontinued products

##### • Relays

Products name	Old part no.	Substituted products name	Substituted part no.	Reason and remarks	Phase-out schedule
HC-2F relays 	AP31246106K AP32226106K	None	—	Less needs caused by decreasing demand	End of Aug. 2003
PhotoMOS relay Multi-channel type 	AQX21444	None	—	Less needs caused by decreasing demand	End of Aug. 2003
PhotoMOS relay HE LED Display type 	AQV254R○○○	None	—	Less needs caused by decreasing demand	End of Aug. 2003

• Switches / Sensors / Connectors

Products name	Old part no.	Substituted products name	Substituted part no.	Reason and remarks	Phase-out schedule
<p>QS switches</p> 	AH3000	FS switches FS-T switches PS switches	—	FS/FS-T/PS switches cover all the types of QS switches, and they have superior characteristics	End of Aug. 2003
<p>PY push switches</p> 	AAP8Y000	PY-N push switches	—	PY-N switches cover all the types of PY switches, and they have superior characteristics	End of Aug. 2003
<p>NV switches Heat resistant type (Low level circuit type)</p>  <p>Operating Force 0.15N and 0.25N</p>	AH7000162 AH7000262	None	—	Less needs caused by decreasing demand	End of Aug. 2003
<p>QV micro switches (Low level circuit type)</p>  <p>Operating Force 0.15N and 0.25N</p>	AM50001 AM50002	None	—	Less needs caused by decreasing demand	End of Aug. 2003
<p>SL connectors</p> 	AXND3000 AXND4000 AXND6000	None	—	Less needs caused by decreasing demand	End of Aug. 2003
<p>Low profile type header</p> 	AXL260911 AXL264911 AXL260901 AXL264901	None	—	Less needs caused by decreasing demand	End of Aug. 2003
<p>Board to board Narrow pitch connectors Direct type DIL terminal (20 contact)</p> 	AXK120185P	None	—	Less needs caused by decreasing demand	End of Aug. 2003

• Image Processing Device

Products name	Old part no.	Substituted products name	Substituted part no.	Reason and remarks	Phase-out schedule
MICRO-IMAGECHECKER M100 Presence check package	ANM100C00	MICRO- IMAGECHECKER A110 controller	ANMA110	Discontinued electronic parts, decreasing demand and release of new products	Aug. 2003
MICRO-IMAGECHECKER M200 package	ANM200C00	MICRO- IMAGECHECKER A110 controller	ANMA110	Discontinued electronic parts, decreasing demand and release of new products	Aug. 2003

• Image Processing Device



Products name	Old part no.	Substituted products name	Substituted part no.	Reason and remarks	Phase-out schedule
MICRO-IMAGECHECKER M100 controller	ANM100 ANM101	MICRO- IMAGECHECKER A110 controller	ANMA110	Discontinued electronic parts, decreasing demand and release of new products	Aug. 2003
MICRO-IMAGECHECKER M200 controller	ANM200 ANM201	MICRO- IMAGECHECKER A110 controller	ANMA110	Discontinued electronic parts, decreasing demand and release of new products	Aug. 2003
Package for M100 MICRO-IMAGECHECKER	ANM7100 ANM7110 ANM71101 ANM7120 ANM71201	None	—	Discontinued electronic parts, decreasing demand and release of new products	Aug. 2003
Package for M200 MICRO-IMAGECHECKER	ANM7200 ANM7230 ANM72301 ANM7240 ANM72401 ANM7250 (V2) ANM72501 (V2) ANM7260 ANM72601	None	—	Discontinued electronic parts, decreasing demand and release of new products	Aug. 2003
MICRO-IMAGE CHECKER M100/M200 Camera switching unit	ANM8601	None	—	Discontinued electronic parts, decreasing demand and release of new products	Aug. 2003
Backup soft MIBT	ANM7010V2 ANM70101V2	None	—	Decreasing demand and release of new products	Aug. 2003
Replacement cooling fan for M100/M200 Controller	ASF64372005	None	—	Discontinued electronic parts, decreasing demand and release of new products	Aug. 2003
Replacement dust guard for M100/M200 Controller	ANM8604	None	—	Discontinued electronic parts, decreasing demand and release of new products	Aug. 2003
MICRO-IMAGE CHECKER Mold watcher	ANM1801A	None	—	Discontinued electronic parts, decreasing demand and release of new products	Aug. 2003
Monitor	ANB874A ANB878	None	—	Discontinued electronic parts, decreasing demand and release of new products	Aug. 2003

• Image Processing Device

Products name	Old part no.	Substituted products name	Substituted part no.	Reason and remarks	Phase-out schedule
Monitor cable	ANM8703 ANM8705 ANM8710	None	—	Discontinued electronic parts, decreasing demand and release of new products	Aug. 2003

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

• Lamps for image inspection

Products name	Old part no.	Substituted products name	Substituted part no.	Reason and remarks	Phase-out schedule
Inverter ring Light 	ANB860	∅ 60 inverter ring light ∅ 90 inverter ring light Also, ring type LED lamp for image processing	ANMF0064 ANMF0104	Discontinued electronic parts and decreasing demand	Dec. 2002
Inverter flat Light 	ANB861	Flat type LED lamp for image processing	AULFL-100	Discontinued electronic parts and decreasing demand	Dec. 2002



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

• PLC



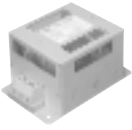
Products name	Old part no.	Substituted products name	Substituted part no.	Reason and remarks	Phase-out schedule
FP-C	AFC30000 AFC30000	None	—	Discontinued electronic parts, decreasing demand and release of new products	Aug. 2003
FP Cam Controller	AFP14000 AFP84400 AFP844000	None	—	Discontinued electronic parts	Aug. 2003
NPST GR Ver.4	AFP266000	None	—	Because of Windows version from now on	Aug. 2003
Micro controller M type (M2R, M2T)	AFM3000 AFM5000 AFB3000 AFB5000	None	—	Discontinued electronic parts	Aug. 2003
Micro controller M type (M1T) Expansion units which are common with FP-M microcontroller are continued.	AFM6000 AFB6000 Except for (AFB6300) (AFB6400) (AFB6410) (AFB6480) (AFB6804)	Micro controller FP-M	AFC1000 AFC2000	Discontinued electronic parts	Aug. 2003
Micro controller M1T HSC High speed counter board	AFB6420	None	—	Discontinued electronic parts	Aug. 2003

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

• Inverter

Products name	Old part no.	Substituted products name	Substituted part no.	Reason and remarks	Phase-out schedule
VF-6 general-purpose inverter	BFV64502 BFV65502 BFV64504 BFV65504 BFV67504	None	—	Discontinued electronic parts and decreasing demand	Feb. 2003
AC Inverter VF-7E	BFV70000E00	See Notes	—	Discontinued electronic parts and decreasing demand	Aug. 2003
AC Inverter VF-7F (three-phase 200V only)	BFV70002F	See Notes	—	Discontinued electronic parts and decreasing demand	Aug. 2003
AC Inverters VF-8E	BFV80000E00	See Notes	—	Discontinued electronic parts and decreasing demand	Aug. 2003
AC Inverter VF-8F	BFV80000F00	See Notes	—	Discontinued electronic parts and decreasing demand	Aug. 2003
AC Inverter VF-8X	BFV80000X00	See Notes	—	Discontinued electronic parts and decreasing demand	Aug. 2003
Remote operation unit 	BFV902 BFV903	None	—	Discontinued electronic parts and decreasing demand	Feb. 2003
Brake unit 	BFV91500	None	—	Discontinued electronic parts and decreasing demand	Feb. 2003
Noise reduction reactor	BFV9090000	None	—	Decreasing demand	Feb. 2003
Radio noiz filter (For output)	BFV950000	None	—	Decreasing demand	Feb. 2003

• Inverter

Products name	Old part no.	Substituted products name	Substituted part no.	Reason and remarks	Phase-out schedule
Noise filter to meet EMC directive (only for VF-7E) 	BFV937○○○○○	None	—	Decreasing demand	Aug. 2003
Noise filter to meet EMC directive (only for VF-7F) 	BFV937F○○○○○	None	—	Decreasing demand	Aug. 2003
Noise filter to meet EMC directive (only for VF-8X) 	BFV938X○○○○○	None	—	Decreasing demand	Aug. 2003
External frequency Meter	BFV912	None	—	Decreasing demand	Aug. 2003
External volume	BFV914	None	—	Decreasing demand	Aug. 2003

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

Notes: <Substitute Products>



- Single-phase 200V 0.2kW-2.2kW: VF0 (excluding 2.2kW), VF-7F
- Three-phase 200V 0.2kW-37kW: None
- Three-phase 400V 0.75kW-3.7kW: VF0, VF-7F
- Three-phase 400V 5.5kW-37kW: VF-8Z

\* VF0 and VF-8Z are not UL approved.  
VF-8Z is not confirmed to CE marking.

2. Discontinued products in 2003



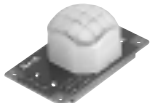
• Relay

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
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





• **Switches / Sensors**

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
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
Motion-detecting sensor (passive infrared type) 	AMP000	NaPiOn	AMN00	Less needs caused by decreasing demand and Discontinued electronic parts	End of Aug. 2004

• **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
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**

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 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 demand and discontinued electronic parts.	End of Aug. 2004

• **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 VT30	AIV30000	None	—	Discontinued electronic parts, decreasing demand and release of new products	End of Aug. 2004

• **Image processing device**

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
MICRO-IMAGECHECKER M300	ANM300000	None	—	Discontinued electronic parts, decreasing demand and release of new products	Feb. 2004 (Last order)

• **Monitor**

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
CRT monitor for image processing	AUGPBM910	Available	ANMA810	Discontinued electronic parts	Feb. 2003 (Last order)


• **FR-ID tag**

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
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	AFR2411 AFR2421 AFR2431	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