

Product Discontinuation Notice

Programmable Multi-Axis Controller (PMAC)

Issue Date
March 31, 2023

20230328_DOP_00003

For over 20 years, the Turbo PMAC family and other common accessories have enjoyed a successful life span and numerous innovative applications. We thank you for that. Key components on these products have been obsolete for a few years now. They are no longer obtainable and our inventory stock is nearing its' end. For that reason, we are announcing the discontinuation of certain products that incorporate these components. Please contact your local OMRON sales representative for more information about this notice and other OMRON industry-leading line of programmable multi-axis motion controllers.

Product Discontinuation

UMAC Analog I/O ACC-59E



From 3-3494A-00-0000-□□□□



Recommended Replacement

ACC-59E3

To 3-4027A-00-0□□□□-□2□□

[Final Order Entry Date]

March 31, 2024

[Date of The Last Shipping]

September 30, 2024

[Scheduled Date of Maintenance Close]

September 29, 2027 (subject to part availability)

[Caution on recommended replacement]

- Only compatible with Power PMAC CPU

[Difference from Discontinued Product]

Recommended replacement	Body Color	Dimensions	Wire Connection	Mounting Dimensions	Form Factor	Operation Ratings	Operation Methods
3-4027A-00-0□□□□-□2□□	**	**	*	**	**	**	*

** : Compatible

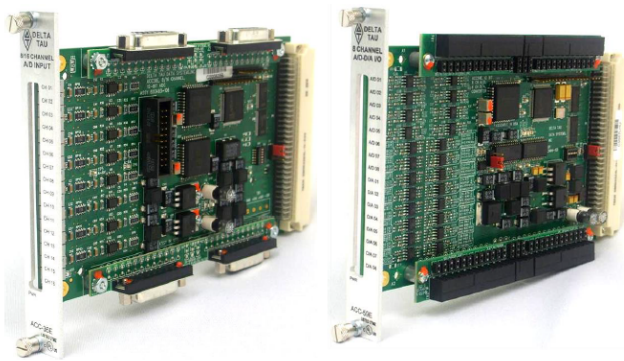
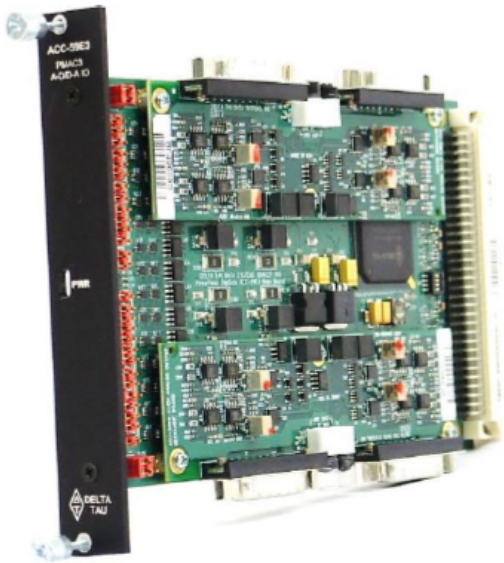
* : Minor change/Almost compatible

-- : Not compatible

- : No corresponding specification

The following illustrations show the “from to” items for replacement product.

[Wire Connection]

From 3-3494A-00-0000-□□□□	To 3-4027A-00-0□□□□-□2□□
	
Only D-Sub option is available for ACC59E3, Terminal Block option not available for ACC-59E3	
ACC-59E3 is not compatible with Turbo CPUs, including the Turbo UMAC, the MACRO8, or MACRO16 CPUs.	
ACC-59E3 can have 16-bit inputs and outputs, compared to ACC-59E's 12-bit only inputs and outputs	
ACC-59E3 can have 16 inputs, rather than ACC-59E's limit of 8 inputs	
ACC-59E3 has user-programmable hardware input filters, whereas ACC-59E has only one set input cutoff frequency	

[Operation Methods]

From 3-3494A-00-0000-□□□□	To 3-4027A-00-0□□□□-□2□□
Compatible with both Turbo and Power PMAC	Only compatible with Power PMAC

[Product Discontinuation and Recommended Replacement]

3-3494A-00-0000-□□□□ Part Number

UMAC ACC-59E

3	-	3	4	9	4	A	-	0	0	-	0	0	0	0	-				
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I J K L

I
B – BLACK Front, top and bottom plates (Standard)
F – BLACK Front plate only
Order as Spare Only
R – SILVER Front, top and bottom plates
A – SILVER Front plate only
Order as Spare Only
Plate Options

J
1 - Removable Terminal Blks
2 - DB15 connectors
Connection Options

K L
00 - No Additional* Options
xx - Factory assigned digits for Additional* Options
Factory Assigned Options

* If Any Additional Option is required, contact factory for digits **K** and **L** (Factory Assigned digits).

3-4027A-00-0□□□□-□2□□ Part Number

UMAC ACC-59E3

3	-	4	0	2	7	A	-	0	0	-	0					-		2		
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F G H I J K L

F G H
200 - 16-Channel +/- 10V or 4-20mA 16-Bit A/D Converter board
211 - 16-Channel +/- 10V or 4-20mA 16-Bit A/D Converter and 8-Channel 16-Bit DAC +/- 10V Output
222 - 16-Channel +/- 10V or 4-20mA 16-Bit A/D Converter and 8-Channel 18-Bit DAC +/- 10V Output
I/O Interface

I
B – BLACK Front, top and bottom plates (Standard)
F – BLACK Front plate only
Order as Spare Only
Plate Options

J
2 – Mezzanine Board
I/O Mezzanine

K L
00 - No Additional* Options
xx - Factory assigned digits for Additional* Options
Factory Assigned Options

* If Any Additional Option is required, contact factory for digits **K** and **L** (Factory Assigned digits).

NOTES:

- ACC-59E3 is only compatible with Power PMAC and requires a Power PMAC CPU.
- Units with Removable Terminal Block connectors have no direct replacement. Customers are recommended to switch to DB15 connectors, which is available on ACC-59E3. Contact local Omron representative if this is not a viable alternative for your specific application.

Product Discontinuation	Suggested Replacement
3-3494A-00-0000-B100	3-4027A-00-0211-B200
3-3494A-00-0000-B200	3-4027A-00-0211-B200
3-3494A-00-0000-F100	3-4027A-00-0211-F200
3-3494A-00-0000-F200	3-4027A-00-0211-F200
4-UMAC-00000007	Contact Local Omron Representative

Specifications and prices in this product news are as of the issue date and are subject to change without notice. Only main changes in specifications are described in this document. Please be sure to read the relevant catalogs, datasheets, product specifications, instructions, and manuals for precautions and necessary information when using products.

Rev	Description	Date	Prepared By	Approved By
A	Released	5/12/2023	SM	AA