

**Spare Component Parts for CPC10A**

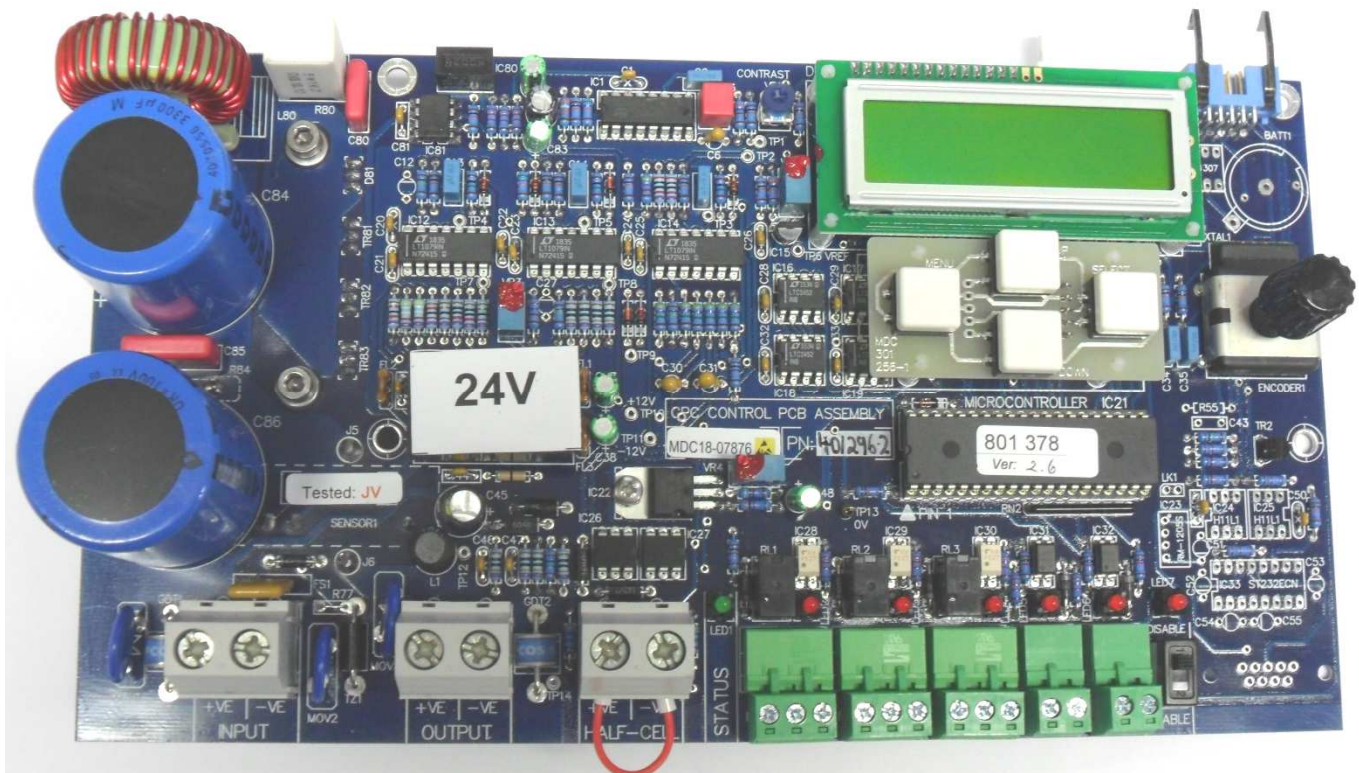
General Notes:

Where at all possible, please quote the component Serial Number when ordering replacement PCB's as this allows the positive identification of the assembly. Alternatively, the main controller SN can be provided.

Micha serial numbers take the form **MDCyy-nnnnn**, where 'yy' is the year of manufacture, and 'nnnnn' is a 5-digit sequential number.

Control boards will be supplied with the latest version of software available. If a specific version is required, e.g. "802014 V1.2", this should be specified at the time of enquiry or order.

CPC10A V1		Manufactured: 2007 - 2013
PN	Description	Software
401295	CPC10A 12V Control/Power PCB Assembly	801378 (all versions)
401301	CPC10A 12V Control/Power RS232 & Data Logger	
401296	CPC10A 24V Control/Power PCB Assembly	
401302	CPC10A 24V Control/Power RS232 & Data Logger	
401707	CPC10A 48V Control/Power PCB Assembly	
401708	CPC10A 48V Control/Power RS232 & Data Logger	



Above: 401296 - CPC10A 24V Control/Power PCB Assembly  
Note: Datalogging and RS232 D-Type connector not fitted (bottom right)

We can no longer guarantee availability of matching parts for the CPC10A V1 range but will do our best to supply equivalent parts. We recommend that existing installations be upgraded to the latest version of CP Controllers. V2 base PCB assemblies are backward compatible and share the same fixing points.

## CPC10A V2

Manufactured: 2014 -

Version 2 of the CPC range was introduced in 2014. The design was changed to include plug-in options to offer the choice of either RS232 and USB, or RS485 and USB, communication modules. A separate control base PCB was also designed to allow three optional 4-20mA transducers to be fitted

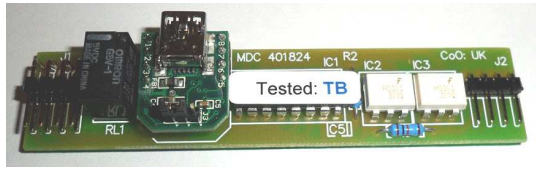
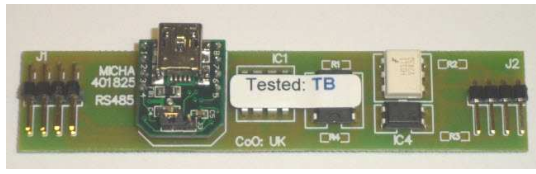
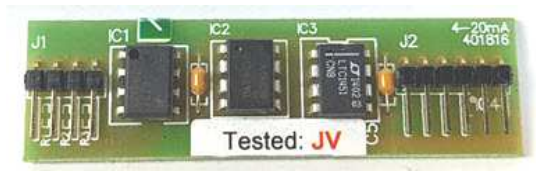
Replacement PCB assemblies can be ordered either on their own, or as a combined set to include the different options. The control base boards are system voltage dependent, the plug-in options are not.

The Control bases PCB assemblies 402 020 and 402 024 are backward compatible with V1 PCB assemblies and have the same fixing points.

Due to low demand, no 48V version of the CPC10A has been produced.

PN	Description	Software
402 020	PCBA CPC10A 12V Control V2 Base	802014 (all versions)
402 021	PCBA CPC10A 12V Control & Transducer V2 Base	
402 022	PCBA CPC10A 24V Control V2 Base	
402 023	PCBA CPC10A 24V Control & Transducer V2 Base	
401 824	USB/RS232 Module	
401 825	USB/RS485 Module	
401 816	4-20mA Module	

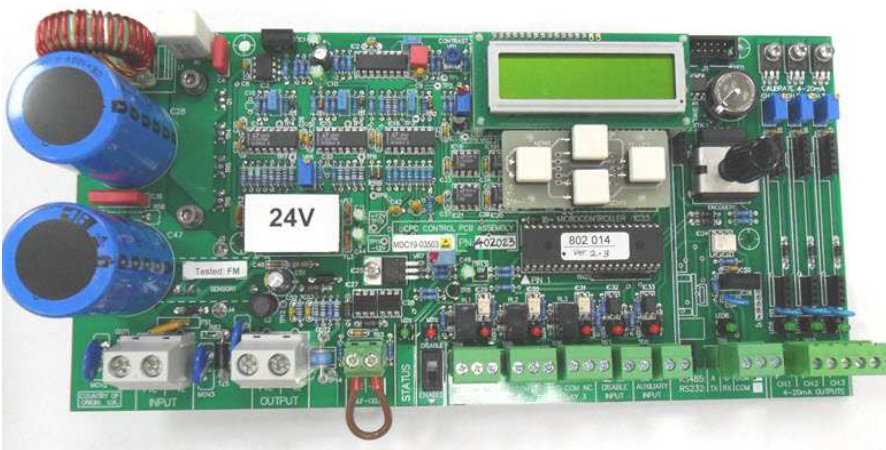
Set PN	Sets of Boards Description of Set	PCB Assemblies in Set			
		Base	RS232	RS485	4-20mA
401 829	PCBA CPC10A 12V Control V2 RS232	402 020	401 824	-	-
401 830	PCBA CPC10A 12V Control V2 RS232 & 4-20mA	402 021	401 824	-	3 x 401 816
401 831	PCBA CPC10A 12V Control V2 RS485	402 020	-	401 825	-
401 832	PCBA CPC10A 12V Control V2 RS485 & 4-20mA	402 021	-	401 825	3 x 401 816
401 833	PCBA CPC10A 24V Control V2 RS232	402 022	401 824	-	-
401 834	PCBA CPC10A 24V Control V2 RS232 & 4-20mA	402 023	401 824	-	3 x 401 816
401 835	PCBA CPC10A 24V Control V2 RS485	402 022	-	401 825	-
401 836	PCBA CPC10A 24V Control V2 RS485 & 4-20mA	402 023	-	401 825	3 x 401 816

	PCBA: 401 824 USB/RS232 Module
	PCBA: 401 825 USB/RS485 Module
	PCBA: 401 816 4-20mA Module





PCB Assembly 402 022 fitted to mounting plate, with USB/RS485 Module (PN 401 825)



**Base PCBA**  
PN: 402 023  
PCBA CPC10A 24V Control &  
Transducer V2 Base

See the Micha website for individual datasheets.

**All products:**

Manufacturer: The Micha Design Company Limited  
Country of Origin: U.K.  
Commodity Code: 90328900