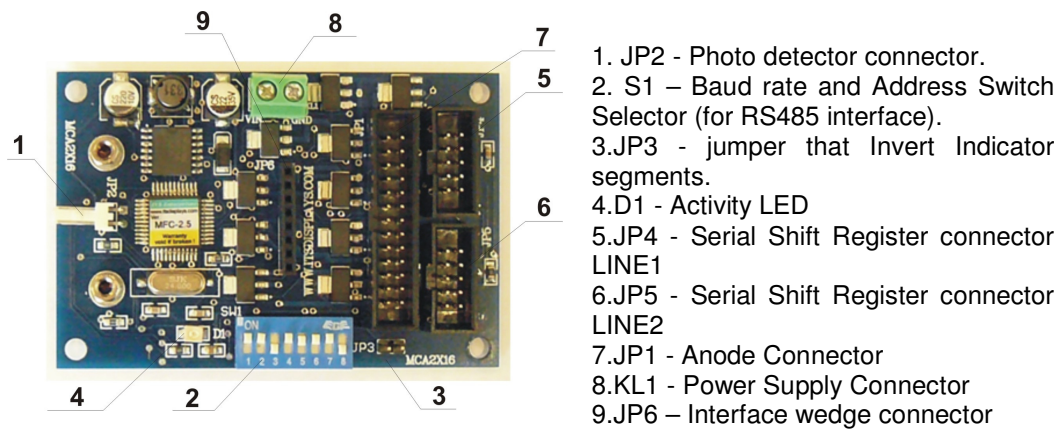


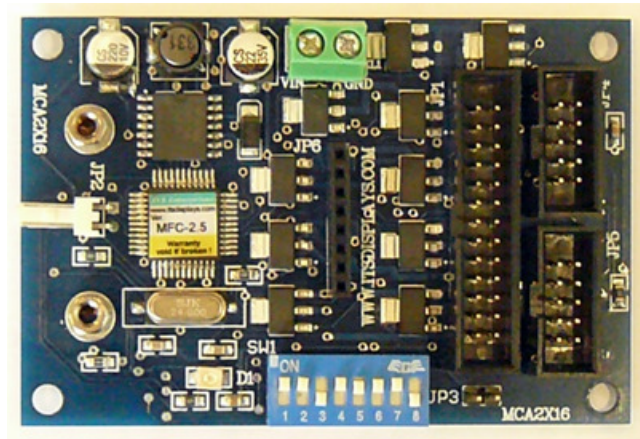
**SHORT DESCRIPTION OF MCA2X16  
LED DISPLAY CONTROLLER**

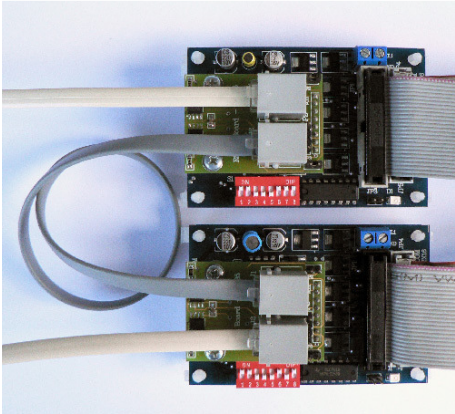
MCA2X16 is multifunctional LED Display Controller. Advantage is that MCA2X16 supports tree types of interface, that make this LED Display Controller more flexible from view point of usability in different hardware environments and configurations. Interface Boards supports tree wire RS232C serial Interface, three wire TTL level serial interface and four wire RS485 Master - Slave serial Interface. Figure bellow describes jumpers and connectors of MCA2X16.



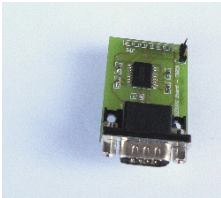
- 1. JP2 - Photo detector connector.
- 2. S1 – Baud rate and Address Switch Selector (for RS485 interface).
- 3. JP3 - jumper that Invert Indicator segments.
- 4. D1 - Activity LED
- 5. JP4 - Serial Shift Register connector LINE1
- 6. JP5 - Serial Shift Register connector LINE2
- 7. JP1 - Anode Connector
- 8. KL1 - Power Supply Connector
- 9. JP6 – Interface wedge connector

MCA2X16 LED DISPLAY CONTROLLER

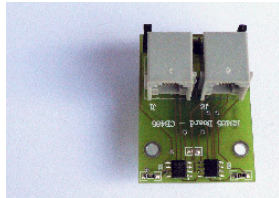




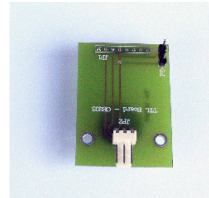
This picture shows two LED Display Controllers MCA2X16 connected via four wire RS485 interface.



CB232 – RS232  
Interface board



CB485 – RS485  
Interface board



CB203 – TTL level  
Interface board

Different interface boards, increases system flexibility and simplifies design process.

If you have any questions or find some mistakes in this document, do not hesitate to contact us on the next E-mails: [its@itsdisplays.com](mailto:its@itsdisplays.com) or [support@itsdisplays.com](mailto:support@itsdisplays.com) , and we try to answer you as soon as possible.

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