SERVOIO-LCC Module
for LCC®/OpenLCB™
SPROG DCC Ltd

Errata
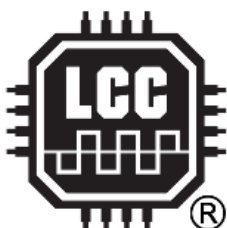
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Date	Revision	Comments
May 2024	1.5	Created to align with version 1.5 firmware

Unless otherwise notes references in this document to LCC apply equally to OpenLCB, and vice-versa.

LCC® is a registered trademark of the NMRA

OpenLCB™ is a trademark of the OpenLCB Group

1 Issues

Affects	Description	Fixed in version
Power Monitor	Not yet characterised	-
CDI	Servo power down descriptions swapped 'Servo remain active' should read 'Servos power-down (recommended)' and vice-versa	1.2
CDI	Servo positions not updated correctly	1.2
SNII response	Uses wrong error code if buffer full	1.4
CDI	Fails with strict xml parser	1.4
Accessing configuration memory	Optional space in byte 6 is used as length parameter	1.4
Button event identification	Blue/Gold button events are identified as consumers	1.4
ACDI memory layout	Format of 251 and 252 spaces is oncorrect	1.4
Memory read request flags	Datagram received OK message should include reply pending flag	1.4
ButtonLED I/O	I/O channels configured for ButtonLED do not work	1.4
Blue button	On (button down) events are not produced	1.4
Servo position reporting	Poition reporting events may be produced out of order	1.4
Blue/Gold buttons	Do not produce events as expected for non-default configuration	1.5
Blue/Gold LEDs	Do not display CAN activity as expected for non-default configuration	1.5
Output pulse modes	Timers pulse widths are longer than expected. DO not work at all on bank B	1.5
Input producer events	Only P1 event is produced	1.5
Servo position events	Only produced for channel 1	1.5
I/O at startup	Spurious PCE reports at startup depending on I/O state	1.5
I/O at startup	False input changes detected at startup	1.5
Pulsed outputs	Do not work correctly on bank B	1.5
Servo test mode	May not work after non-default configuration	1.5

1 Issues

2   Links to Further Information

SPROG DCC Ltd website https://www.sprog-dcc.co.uk For all our products and support.

SPROG DCC Ltd Official YouTube Channel https://www.youtube.com/@sprogdcc

SPROG DCC Ltd Introduction to LCC/OpenLCB https://www.sprog-dcc.co.uk/downloads/lcc/lcc-basics.pdf

OpenLCB group https://openlcb.org The group behind the OpenLCB/LCC standards.

NMRA LCC standards page https://www.nmra.org/lcc The LCC standards adopted by the NMRA.

OpenLCB discussion group https://groups.io/g/openlcb/topics Discussion of OpenLCB topics, more developer focussed.

The NMRA's LCC user group https://groups.io/g/layoutcommandcontrol/topics a good starting point for asking questions of other LCC users.

JMRI users https://groups.io/g/jmriusers/topics JMRI software topics.

JMRI website https://www.jmri.org Download the latest JMRI releases and access support pages.

Book: Introduction to Layout Command Control https://www.amazon.co.uk/Introduction-Layout-Command-Control-Practical/dp/0988825902 focussed on RR-Cirkits products but the concepts are applicable to any LCC hardware.