Release notes for CANLED64 version g

Introduction

CANLED64 is an enhanced version of the CANLED2 software. It uses the same hardware but allows an event to set/clear any number of the 64 LEDs. The software supports up to 255 events. The event data is held internally in flash ram and is implemented to minimise the search time.

Events are stored in 64 doubly linked lists, each list is addressed by the ls 6 bits of the event node number in the event message..Thus for any CAN network with fewer than 64 nodes, each node will typically have its own event list, each list therefore being fairly short.

Slim Mode Operating instructions

The existing switches and links are used to learn and unlearn events, however as each event can control up to 64 LEDs, the Toggle link is no longer required and is reserved for future use.

To learn an event, set the LED number on the switch bank and add a jumper to the Ln link. Send the event and remove the learn link. To invert the action of the event on the selected LED, set the Po link as well. To add more LEDs to the event, keep the Ln jumper in place, set an LED number on the switches and send the event again. Repeat this until all the required LEDs have been set, adding the Po link as required. Remove the Ln and Po links when finished.

To remove an LED from an event, set the LED number on the switch bank, add just the Un jumper and send the event.

To delete an event totally, add both the Ln and Un jumpers and send the event.

If you need to remove all the events, set the Un jumper only, remove power, and then re-power the module.

Flim Mode Operating Instructions

For Flim mode use, you will need to install version 1.2.3.3 of the Flim Configuration Utility and download issue 4 of the User Guide.

This is the first release of CANLED64 and there will probably be some issues that need resolving, if you find any problems, please let me know.