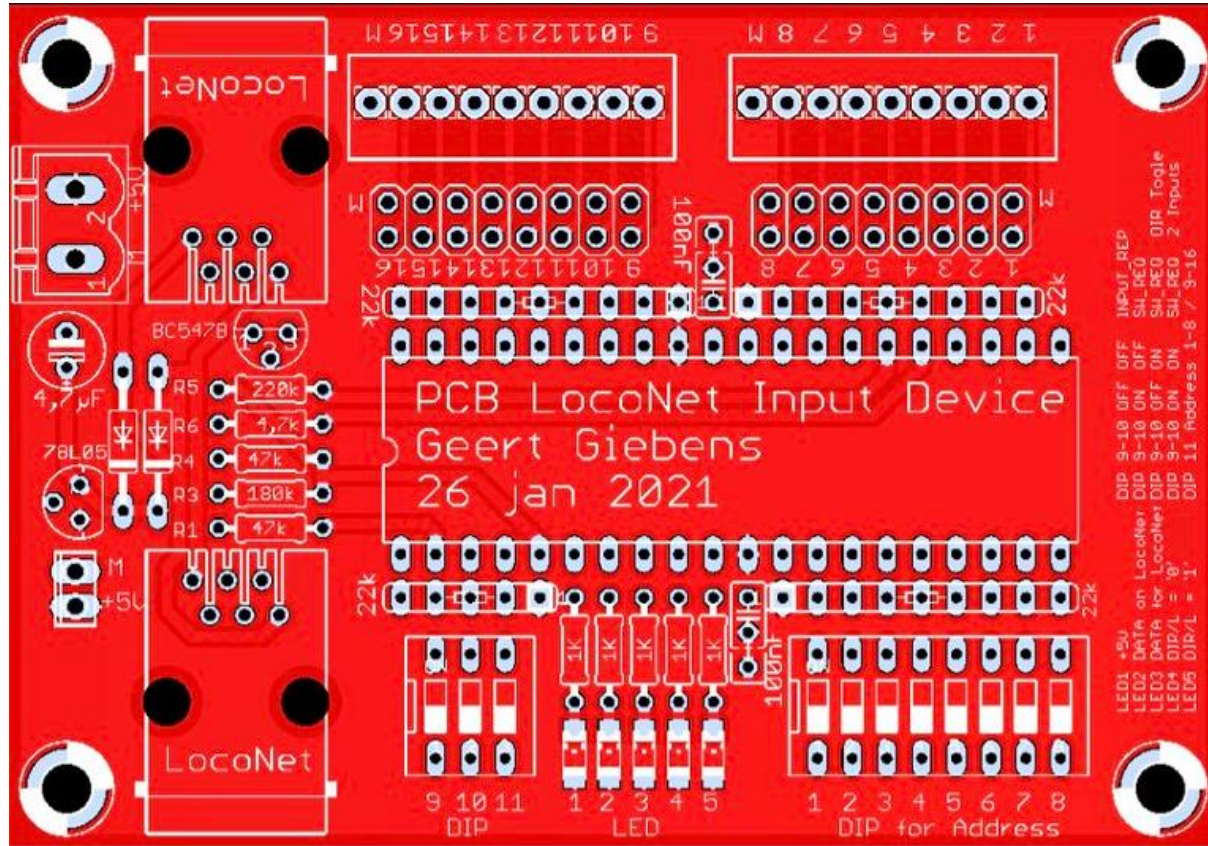
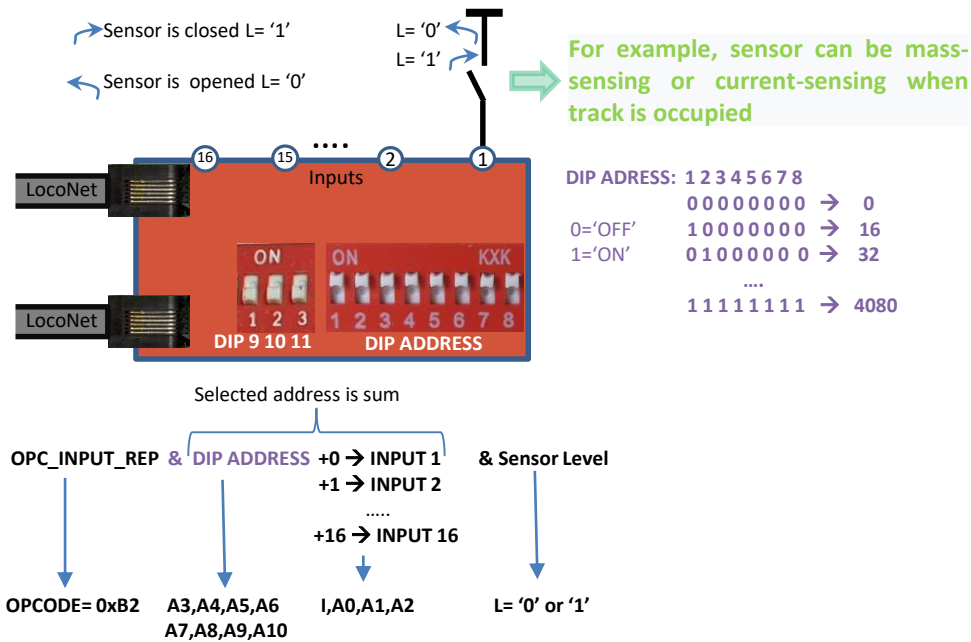


This device can send a LocoNet message. This device has 16 inputs that all have the same function. The function can be selected via DIP9 and DIP10. The address can be set with DIP for ADDRESS (and optionally DIP11)



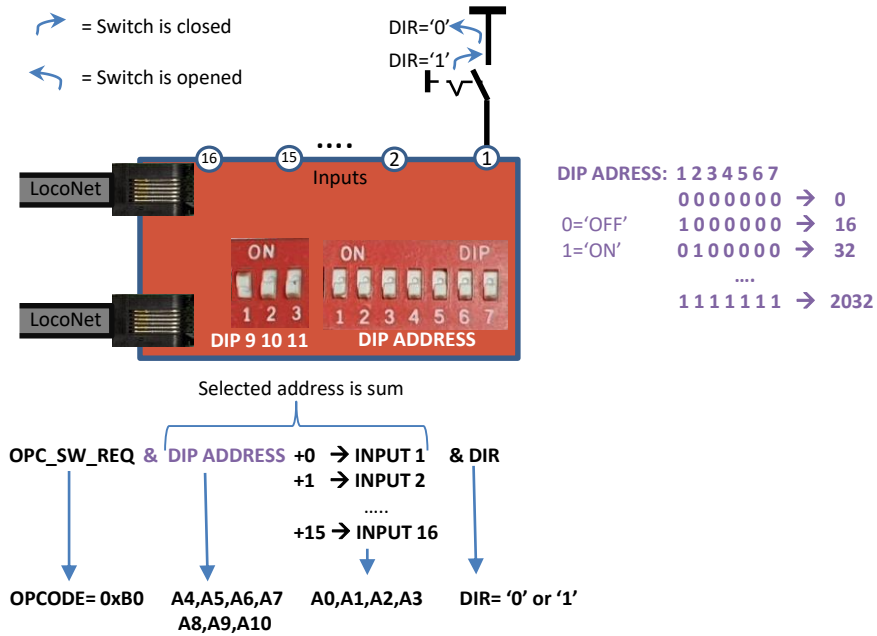
DIP 9 = 'OFF'
 DIP10 = 'OFF'
 DIP11 = XXX

Device give LocoNet command OPC_INPUT_REP with selected address .Sensor is high L='1' as switch is closed, and sensor is low L='0' where switch is opened.



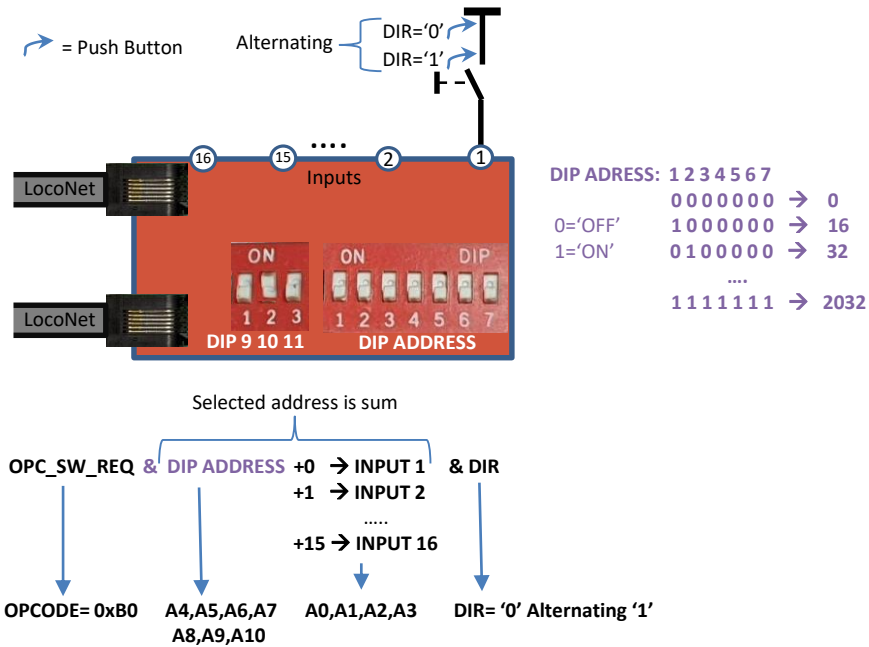
DIP 9 = 'ON'
DIP10 = 'OFF'
DIP11 = XXX

Device give LocoNet command OPC_SW_REQ with selected address, and DIR = '1' as switch is closed, and DIR = '0' where switch is opened.



DIP 9 = 'OFF'
DIP10 = 'ON'
DIP11 = XXX

Device give LocoNet command OPC_SW_REQ with selected address, and DIR is alternating between '0' and '1' every time the button is pressed.



The current DIR state is stored in EEPROM, so that it can be taken over after power-on.

If a switch command is received on LocoNet from another device at the same address of one of the push buttons of which the DIR state is different, this state will be adopted.

DIP 9 = 'ON'
DIP10 = 'ON'
DIP11 = 'OFF' or 'ON'

Device give LocoNet command OPC_SW_REQ and two consecutive inputs with the same selected address. First input gives DIR='1' when button closed. Second input gives DIR='0' when button closed.

