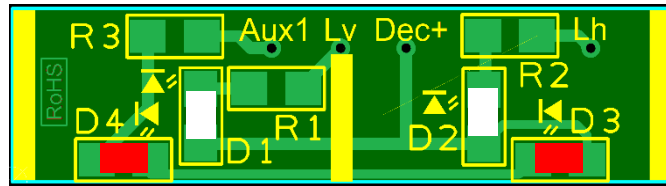


Light module for Märklin Ae 6/6 locomotives, item no. 8085

The light module 8085 has been developed especially for Märklin locomotives of the series Ae 6/6, which are still equipped with bulbs. It extends these locomotives not only with red tail lights, but also the possible signal patterns. The module fits exactly in the place where the bulbs used to fit and is inserted into the grooves.



Front Side

8085 Connections (Pads):

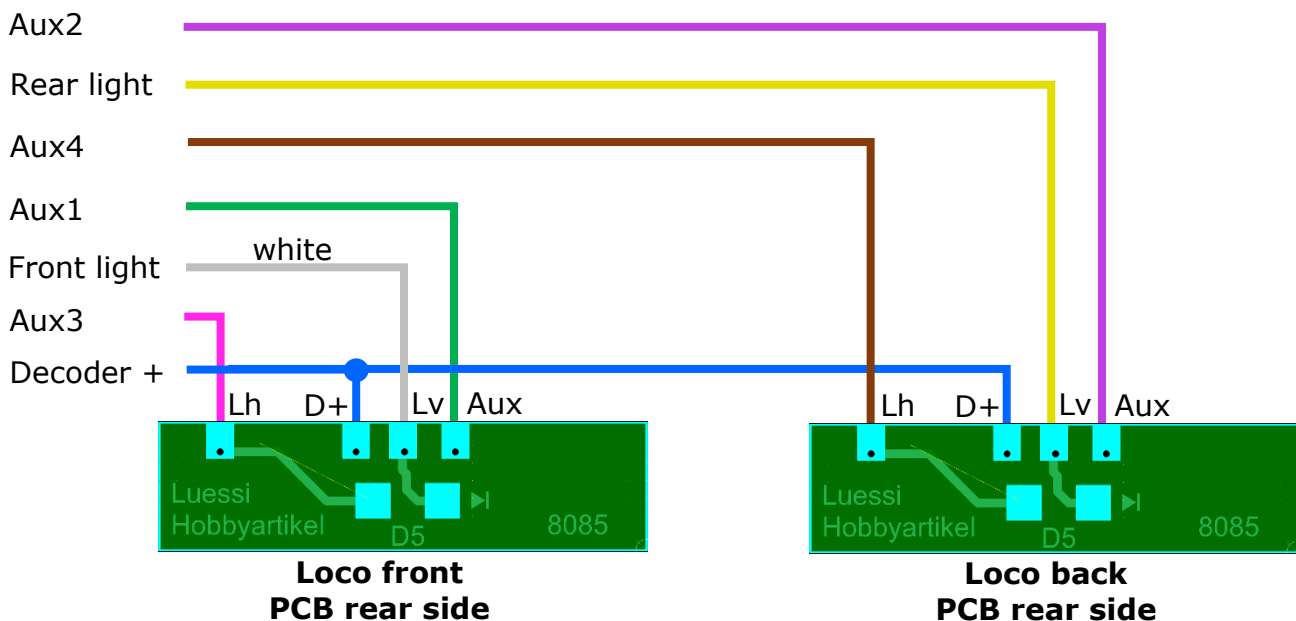
D+	Decoder plus
Lv	A-Light (with both white LEDs)
Lh	Single white LED bottom right
Aux1	Red LED

Decoder Connections and Wire Colours (according to NEM standard):

Blue	Decoder plus	Return conductor for functions
White	F0 forward	Front light (Lv, F0v)
Yellow	F0 reverse	Rear light (Lh, F0h)
Green	Aux1	Function key 1
Purple	Aux2	Function key 2

Connection Example

In order to display all possible signal aspects, all connections must be made to separate decoder outputs. In addition to the two outputs for light (F0v and F0h), you need four further outputs Aux1 to Aux4.



Note

All LEDs are routed via series resistors, so that the PCB can be connected directly to the decoder outputs.