



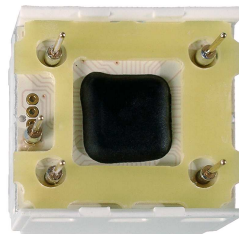
RGB-PRODUCTS

Programming Information

article numbers

LCKey-18, LCKey-26,

LCDot-18, LCDot-26



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5.4. Background Lighting

	B7	B6	B5	B4	B3	B2	B1	B0
Color	Customised	Green	Red	Blue	Customised	Green	Red	Blue
Function (0/1)	dark / bright	dark / bright	dark / bright	dark / bright	off / on	off / on	off / on	off / on

Combinations of red, green and blue are possible by setting the corresponding bits in the color register (0xED).

The following table shows some possible values for backlighting colors:

Color	HEX Value	Binary Value
Off	0x00	00000000
dark green	0x04	00000100
bright green	0x44	01000100
dark red	0x02	00000010
bright red	0x22	00100010
dark blue	0x01	00000001
bright blue	0x11	00010001
yellow	0x26	00100110
purple	0x33	00110011

Table 5.4: Backlighting values for register 0xED

Note: Due to the variations in LEDs and the bonding material, color and brightness variations in the LCDot and LCKey displays cannot be eliminated. In order to provide consistent quality, please use only the 4 possible basic colors (customised, red, green and blue) for standard backlight. Composed colors should be used only on single displays.

Change background lighting to blue.
Set decoder to address the display .
0x00 e, 0xED o, 0x11 o, 0xAA e

Contact Information

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