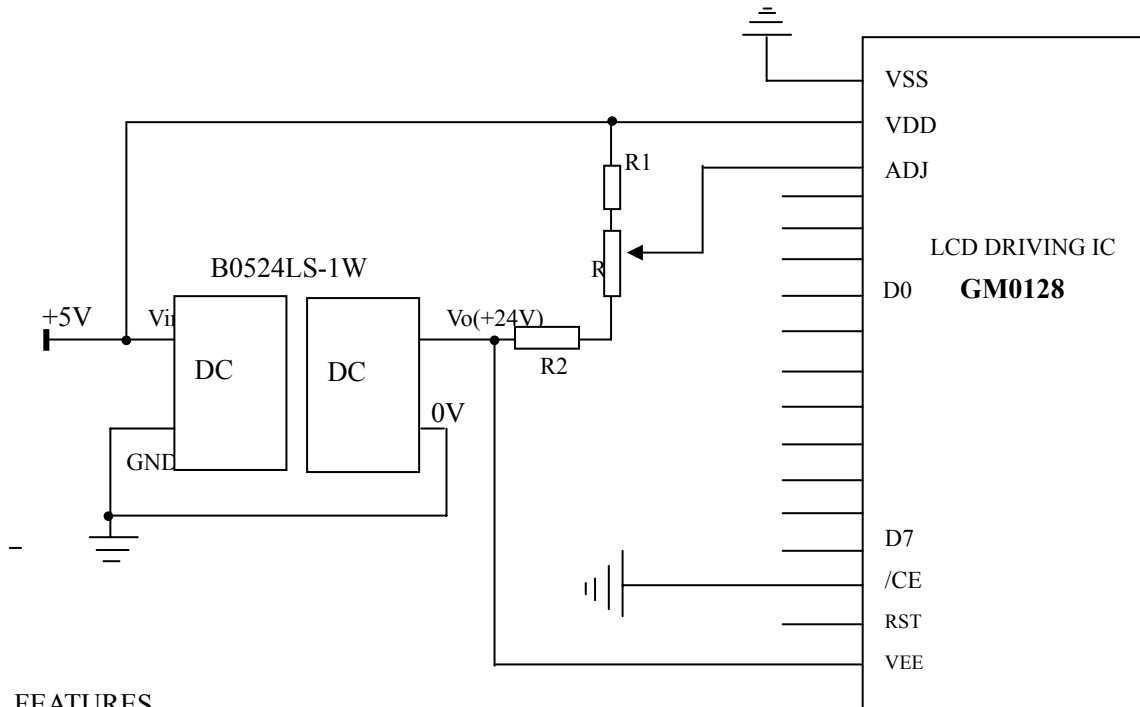


# LCD BACKLIGHT CONTRAST ADJUSTER +24V APPLICATION



## FEATURES

- In this circuit, we take for example where DC-DC module is used as power source of LCD backlight and contrast adjuster, where the LCD backlight use +5V operation voltage, and where the contract adjustor use +24V input voltage.
- The modules provide a stable, high reliability power source for LCD backlight and contrast adjustor.
- The divider resistor and adjustable resistor R1, R2 and R3 can be selected based on various demands, and the objective is to get most comfortable visual.

## DC-DC POWER MODULE SELECTION GUIDE

SYSTEM POWER SUPPLY	+24V APPLICATION			
	PART NUMBER	PACKAGE	PART NUMBER	PACKAGE
5V	B0524LS-1W ADP0524A	SIP SIP	B0524LD-1W	DIP
NOTES:				
1. Bxxxx-1W is fixed input, isolated, unregulated single output series.				
2. ADP0524A is wide input (5V-12V), non-isolation, -24V adjustable or regulated output, sip package series.				

## Notes:

- The application above is made while assuming LCD IC does not include backlight power. If it does have one, just use ADP05C24A for contrast adjusting.
- For long term reliability concern, please do not use the modules at less than 10% rated power. Please select lower power modules for low power application, as for example 0.25W modules.
- For special requirements please contact us:  
Tel: (978)567-9610 or Fax: (978)567-9601

Website: <http://www.mornsunamerica.com>

E-mail: [sales@mornsunamerica.com](mailto:sales@mornsunamerica.com)