


VFD Driver 5.5V 28-Pin SOIC W T/R

Manufacturer:	Microchip Technology, Inc
Package/Case:	28SOIC
Product Type:	Optoelectronics
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

HV5812 is a 20-channel, serial input, vacuum-fluorescent display driver. It combines a 20-bit CMOS shift register, data latches, and control circuitry with high voltage MOSFET outputs. The HV5812 is primarily designed for vacuum-fluorescent displays. The CMOS shift register and latches allow direct interfacing with microprocessor based systems. Data input rates are typically over 5.0MHz with 5.0V logic supply. Especially useful for interdigit blanking, the BLANKING input disables the output source drives and turns on the sink drivers. Use with TTL may require external pull-up resistors to ensure an input logic high.

Key Features

- HVCMOS® technology for high performance
- Operating voltage up to 80V
- High speed source driver
- 5.0V CMOS logic circuitry
- Up to 5.0MHz data input rate
- Excellent noise immunity
- Flexible high voltage supplies

Recommended For You

HV7224PG

Microchip Technology, Inc
QFP

HV9910CLG-G

Microchip Technology, Inc
SOP8

HV9921N3-G

Microchip Technology, Inc
TO-92

HV816K6-G

Microchip Technology, Inc
QFN

HV857MG-G

Microchip Technology, Inc
MSOP8

HV9923N8-G

Microchip Technology, Inc
SOT89

HV5812P

Microchip Technology, Inc
PLCC28

HV9925SG-G

Microchip Technology, Inc
SOIC

HV9922N3-G

Microchip Technology, Inc
TO-92

HV823LG-G

Microchip Technology, Inc
SOP8

HV9919BK7-G

Microchip Technology, Inc
8WDFN3x3x0.

HV9918K7-G

Microchip Technology, Inc
WDFN-8

HV9922N8-G

Microchip Technology, Inc
SOT89

HV6810WG

Microchip Technology, Inc
SOP20

HV857LMG-G

Microchip Technology, Inc
MSOP8