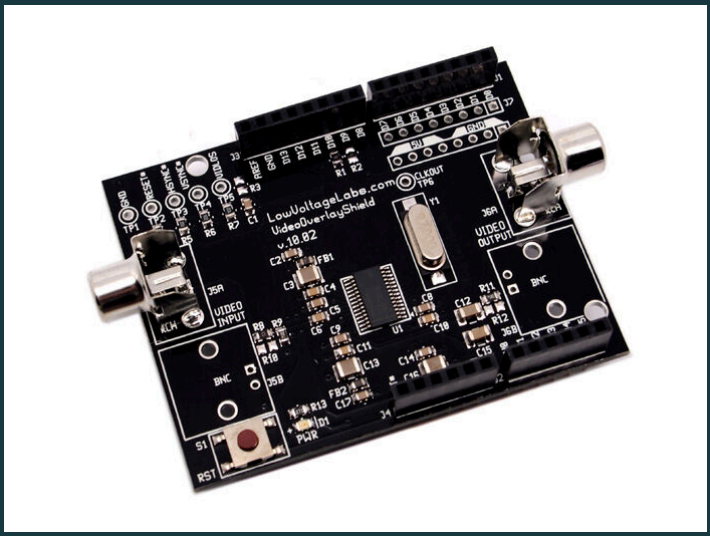
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INDUSTRIAL PRODUCT DATASHEET

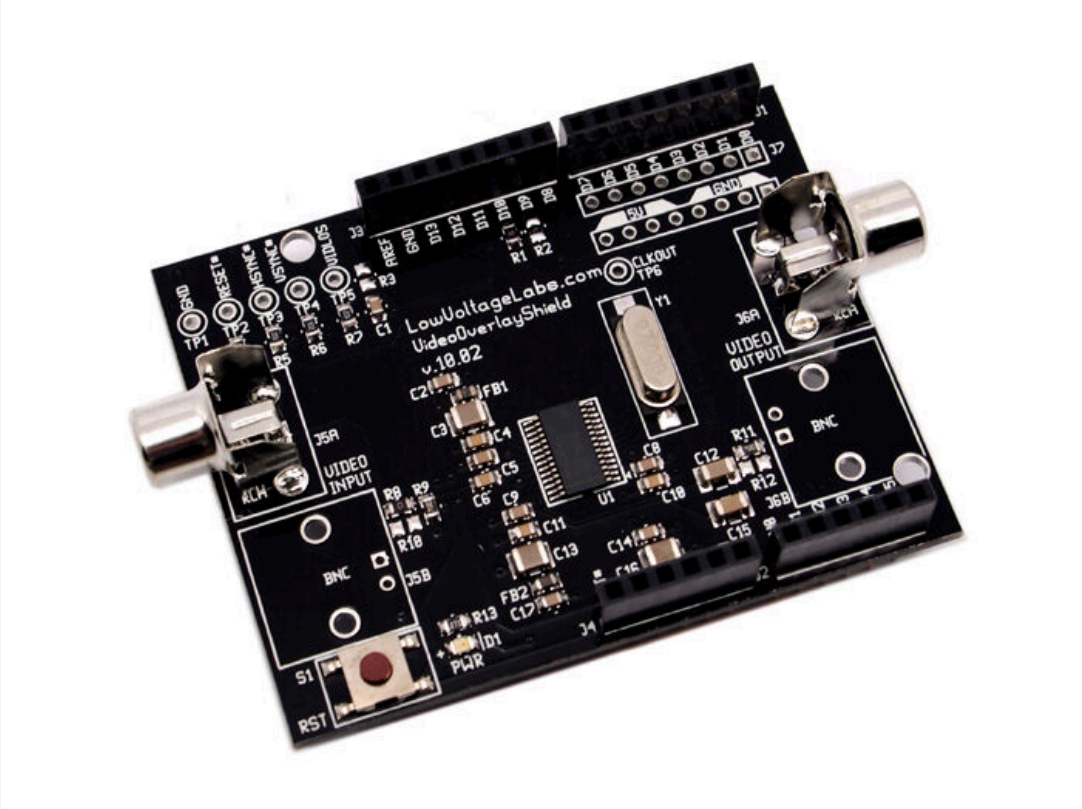
Video Overlay Shield

Arduino-compatible shield for text overlay on NTSC/PAL video with 256 user-defined characters.

SKU	UPDATED	PRICE
107990001	2024-08-09 02:11:41	$39.95(Excl. VAT)



Overview



The Video Overlay Shield is an Arduino compatible board that overlays text on NTSC or PAL analog video using the Maxim MAX7456 on-screen display chip. It features 256 user-defined characters in EEPROM with 12x18 pixel size, internal video generation when no input is present, and test points for sync and video loss monitoring.

Key Features

The Arduino compatible shield board overlays text on analog video, using the Maxim MAX7456 on-screen display chip. This board allows easy overlay of text onto an analog video signal, NTSC or PAL. Connect this board to your favorite Arduino processor board to get started.

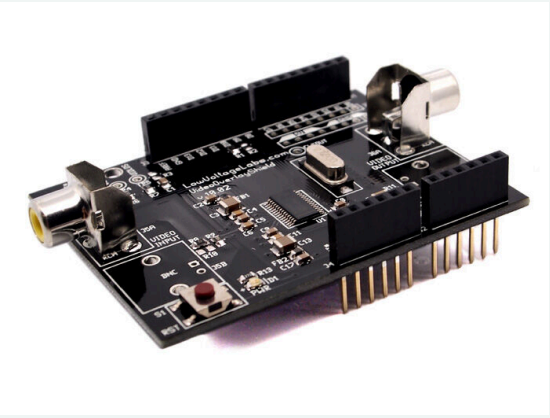
Features

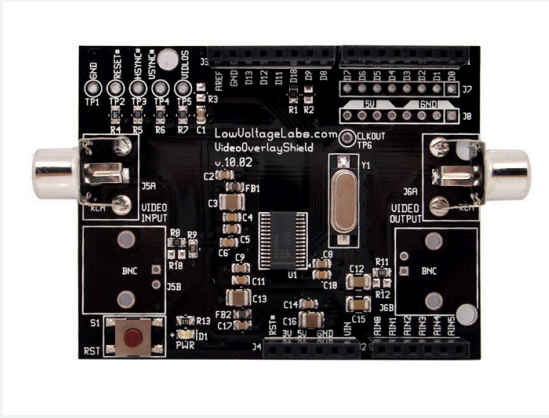
- Overlays text on NTSC or PAL video
- Generates internal video in NTSC or PAL mode when no input video is connected
- 256 user-defined characters or pictographs in EEPROM
- 12 x 18 pixel character size
- Test points for video loss, video horizontal sync, video vertical sync, and clock output
- Input voltage 5V
- Dimensions: 2.7"x 2.1"

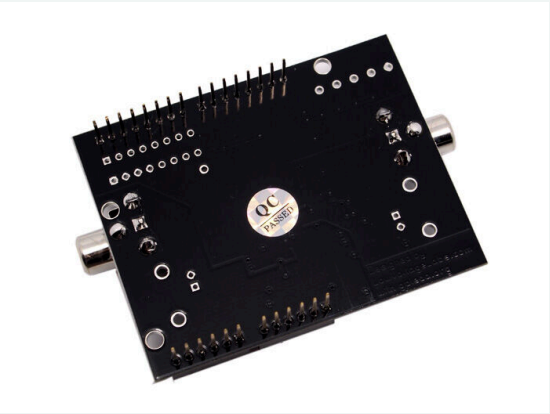
Documents

- **Getting started with the VideoOverlayShield (wiki)**
- **Schematic and layout files in gEDA format (zip file)**
- **Schematic in PNG format**
- **Layout in PNG format**
- **Bill of materials**
- **MAX7456 datasheet from Maxim**

Product Gallery







Compliance & Logistics

HSCODE

Resource Links

- https://www.seeedstudio.com/Video-Overlay-Shield-p-1232.html

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