

# Mjollnir



## Features

- 300 channels, usable as row driver
- 5V – 60V line drive
- each output is a high-voltage multiplexer, selecting one of 7 HV-levels or ground
- bi-directional shift-register
- cascadeable
- 3.3 power supply
- auto-reset at start-up
- HV-extended 0.35 $\mu$ m technology

## General Description

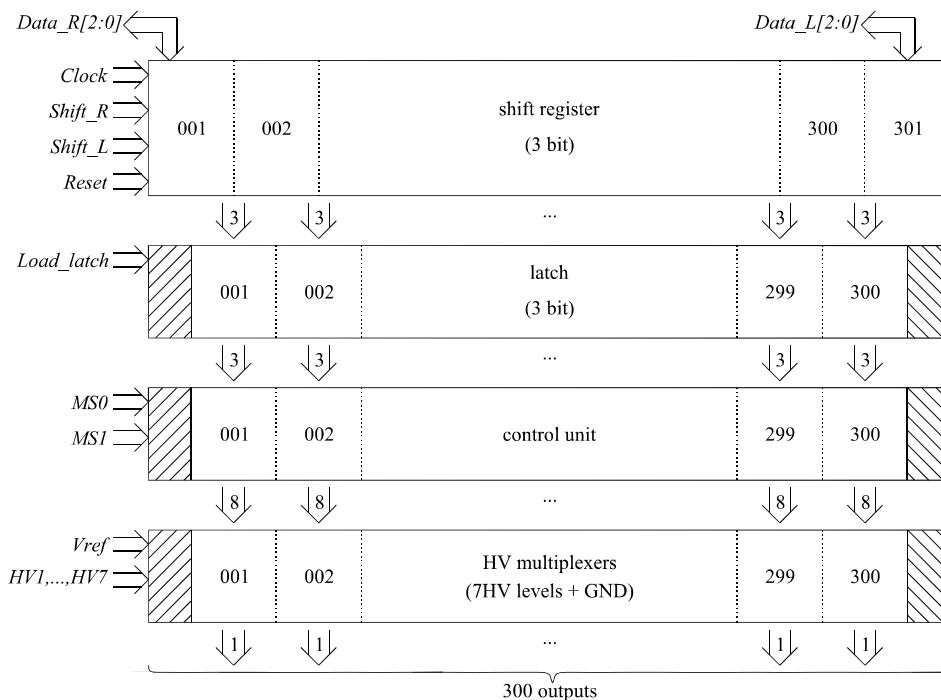
Mjollnir is a 300-channel high-voltage row display driver.

Each output is a 60V high-voltage analog multiplexer selecting one of 7 high-voltage levels or ground. This allows maximum flexibility in waveform generation.

The shift-register is bi-directional and can be cascaded to drive flat panel displays of any resolution.

Additional features: global shift-register reset, 2 mode selection bits and semi-controllable switching regulation.

Mjollnir is ideal for a variety of non-volatile (bistable) flat panel displays.



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