

DESCRIPTION

This document contains detailed target specification about Protected Digital Audio Driver. This driver can drive 1.5kW output stage(+/-150V, 4ohm) .

FEATURES

- **Functional Description**
 - Floating PWM input enables easy half bridge implementation
 - Programmable preset dead-time
 - High noise immunity
 - Over heat protection
 - Measuring temperature of external power transistor
 - Under voltage protection (UVP)
 - Improved OC (Over Current) protection for low RDSON MOSFET with thermal compensation
 - Electrostatic discharge protection on all pins
 - Low voltage CMOS logic level interface
 - Pre-charging function
 - Fan control function
- **Applications**
 - Powered speaker systems
 - Home theater systems
 - Car stereo systems
 - General purpose audio amplifiers

ORDERING INFORMATION

Customer Code	Internal Code	Package	Marking	Operating Temperature
TBD	MA4701X01-001	40-QFN-0606	TBD	-25 to 85 °C

BLOCK DIAGRAM

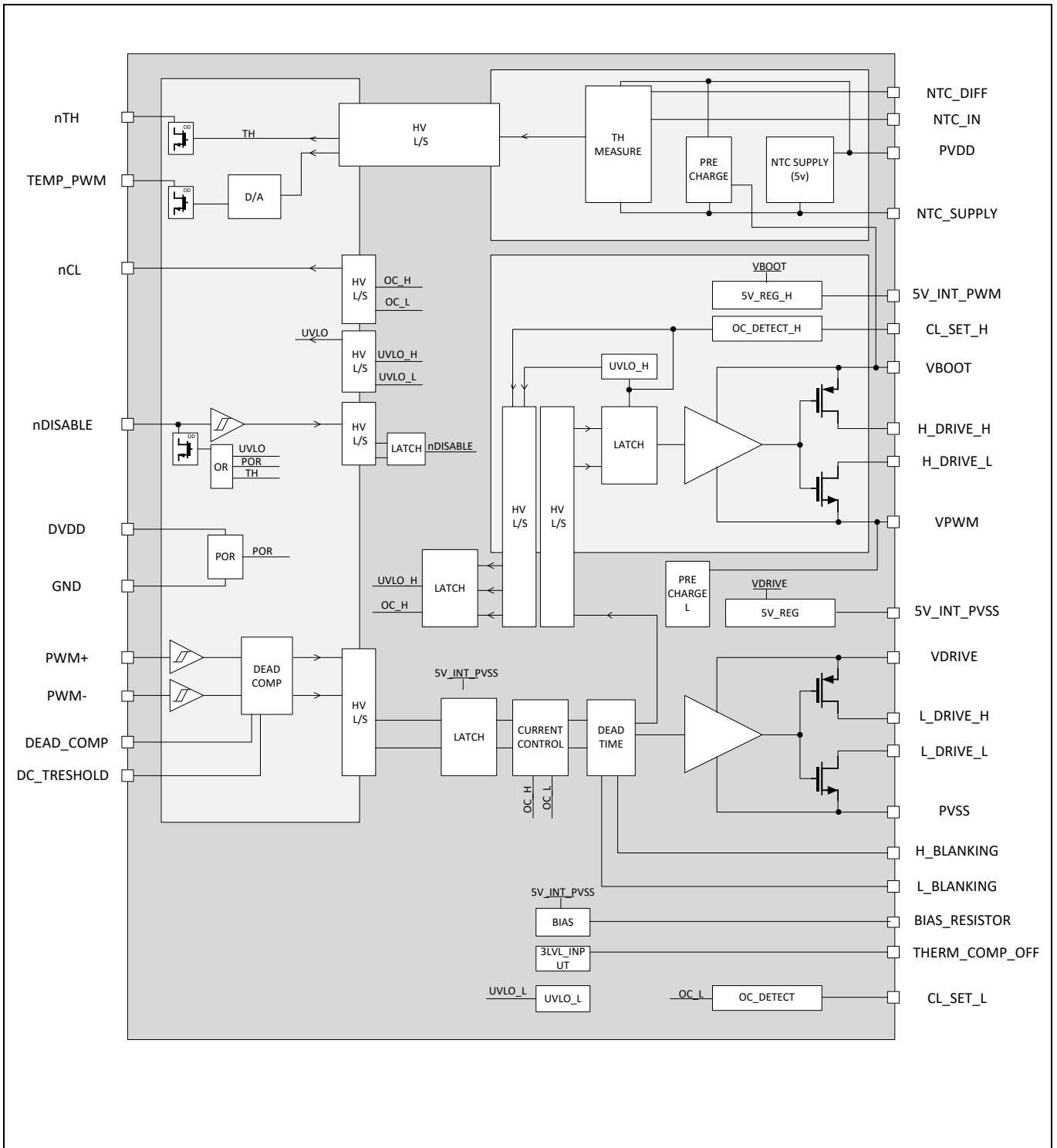


Figure 1. MA7101 Block Diagram