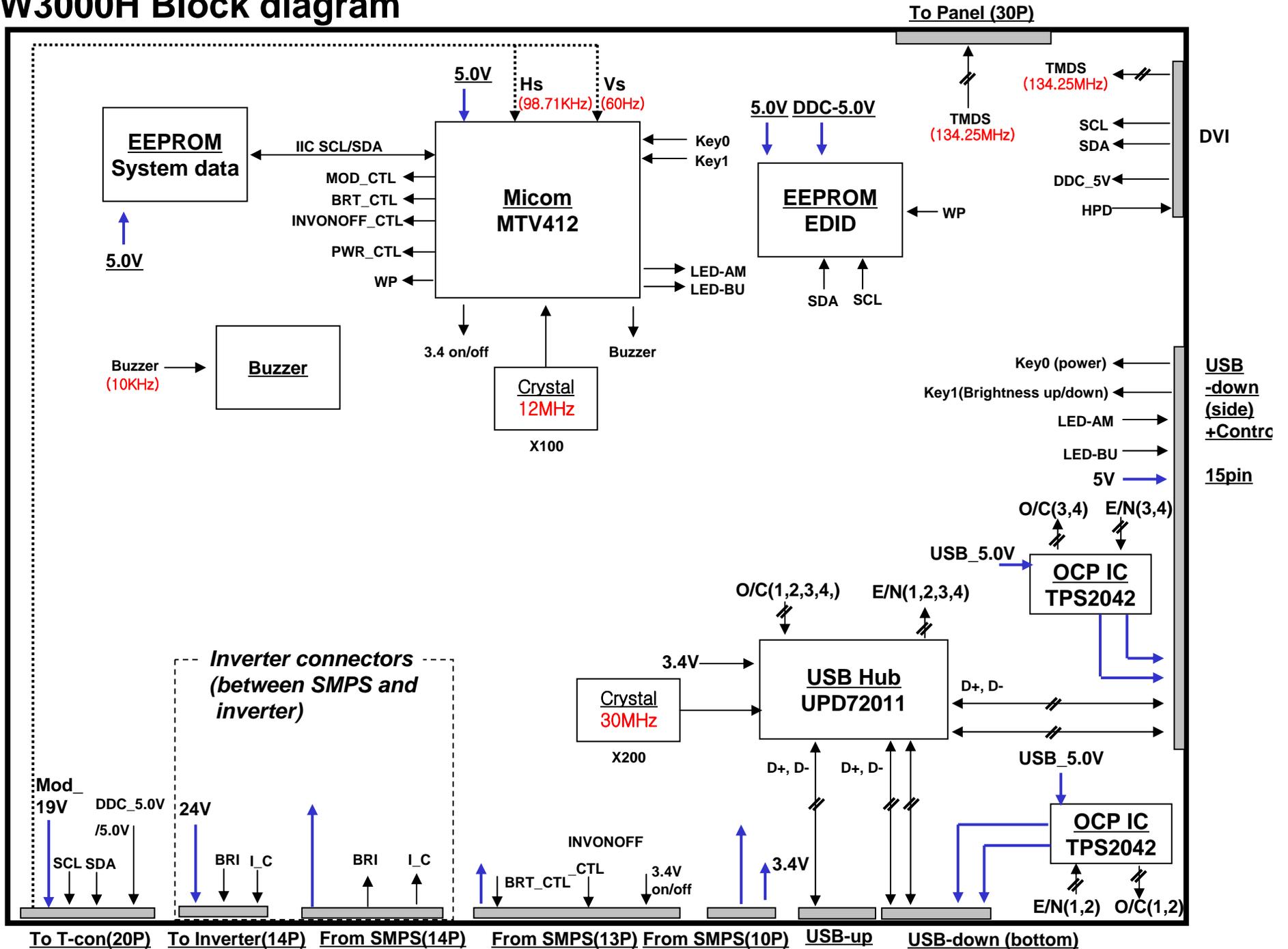


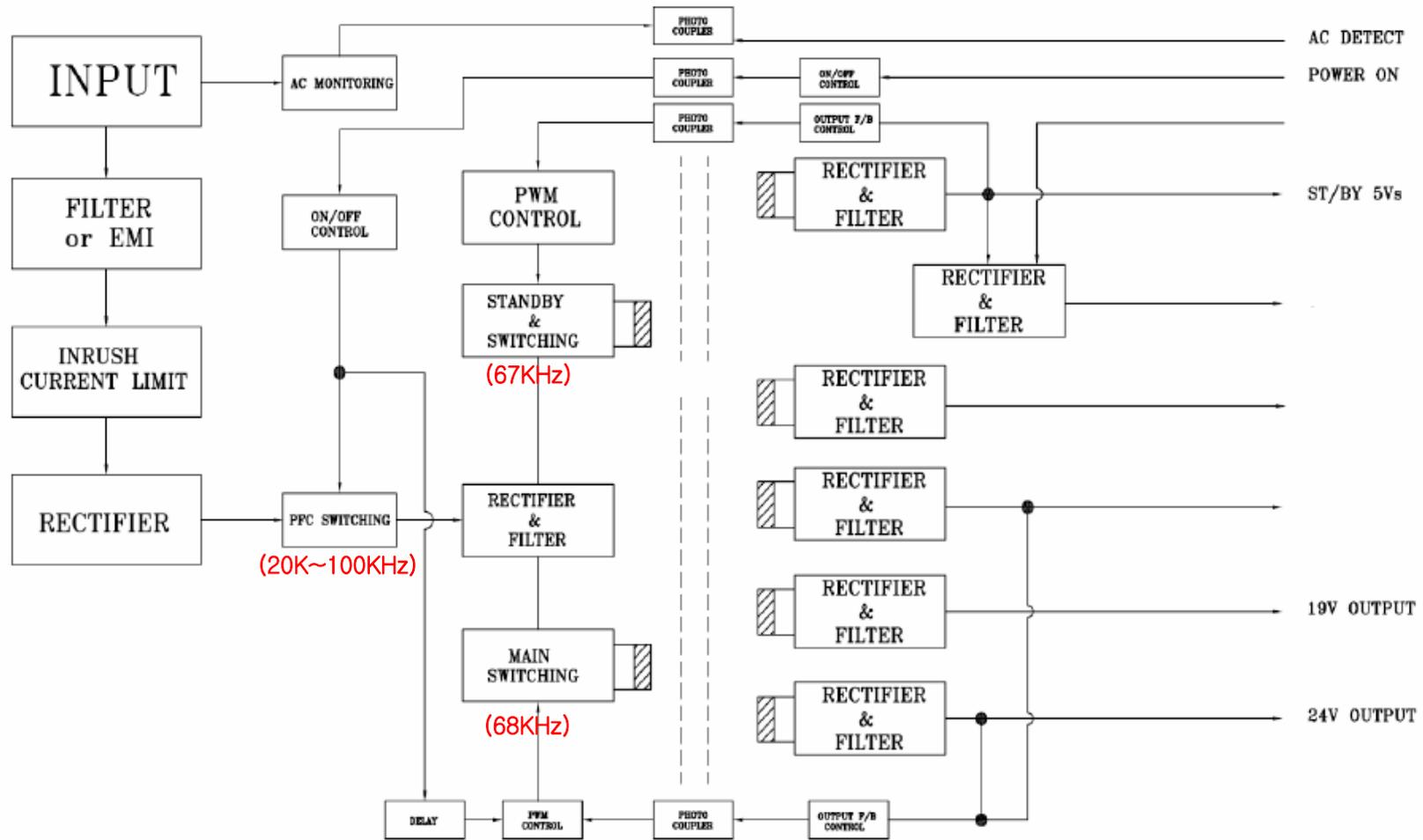
APPENDIX D  
: BLOCK DIAGRAM

# W3000H Block diagram



# SMPS

BLOCK DIAGRAM



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## DESCRIPTION OF BLOCK DIAGRAM

### 1. Video Controller Part.

Pixel frequency is typically 268.5MHz.

### 2. Power Part.

There are 5V<sub>ST</sub>, 19V, 24V from SMPS. 5V<sub>ST</sub> is used for MICOM and 19V is used for T-con board. 24V is used for the inverter which changes from DC 24V to AC 600Vrms. There is a regulator which changes from 5V to 3.3V to operate USB hub IC.

### 3. MICOM Part.

This part consists of EEPROM IC which stores control data. And have reset IC.

The Micom detect H/V sync from T-con board and control some functions.

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