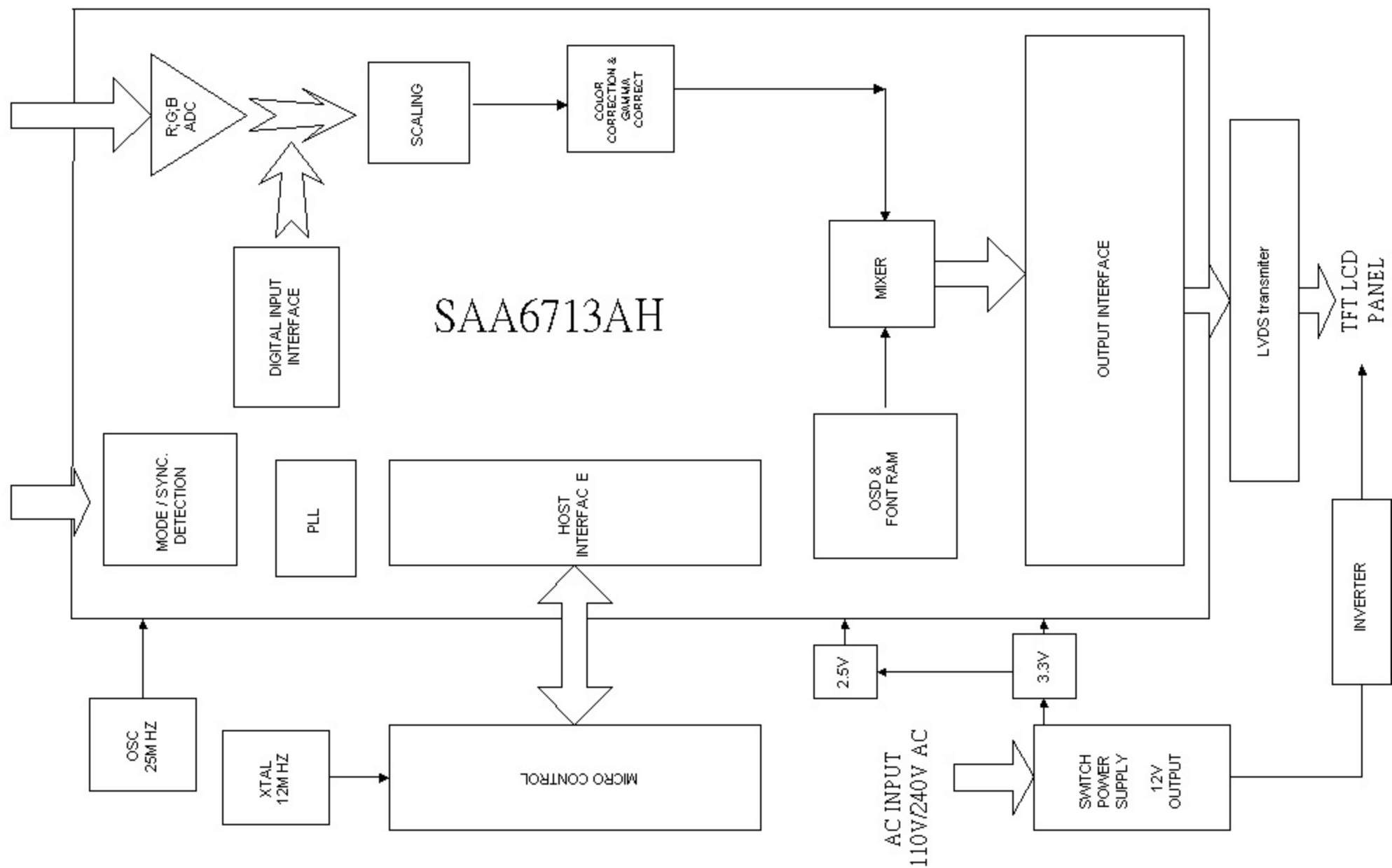


VGA R;G;B
INPUT

H;V SYNC.

NL2501 BLOCK DIAGRAM



SAA6713AH

MICRO CONTROL

OSC
25M HZ

XTAL
12M HZ

MODE / SYNC.
DETECTION

PLL

HOST
INTERFACE

DIGITAL INPUT
INTERFACE

SCALING

COLOR
CORRECTION &
GAMMA
CORRECT

OSD &
FONT RAM

MIXER

OUTPUT INTERFACE

LVDS transmitter

TFT LCD
PANEL

INVERTER

AC INPUT
110V/240V AC

SWITCH
POWER
SUPPLY
12V
OUTPUT

2.5V

3.3V