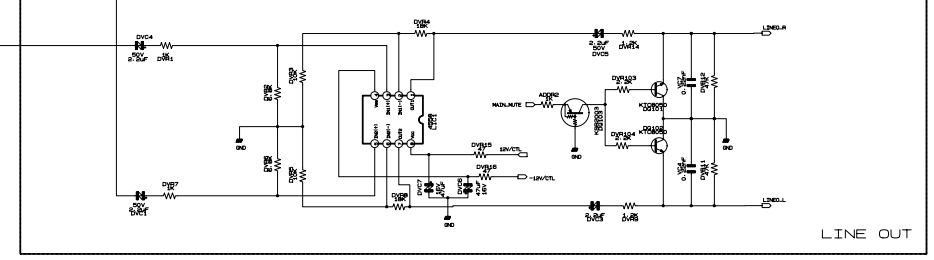
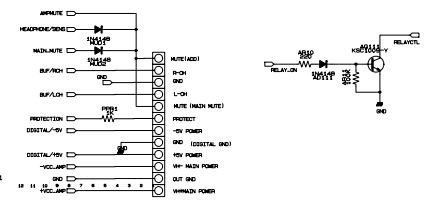
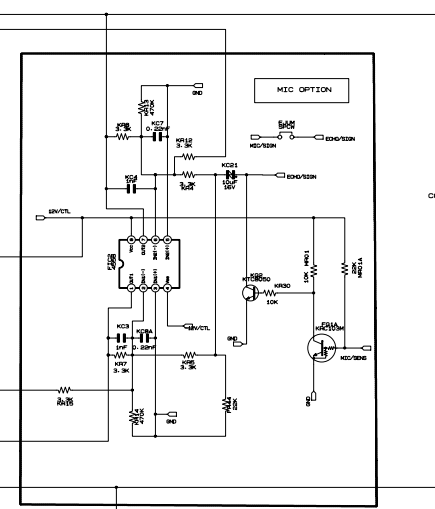
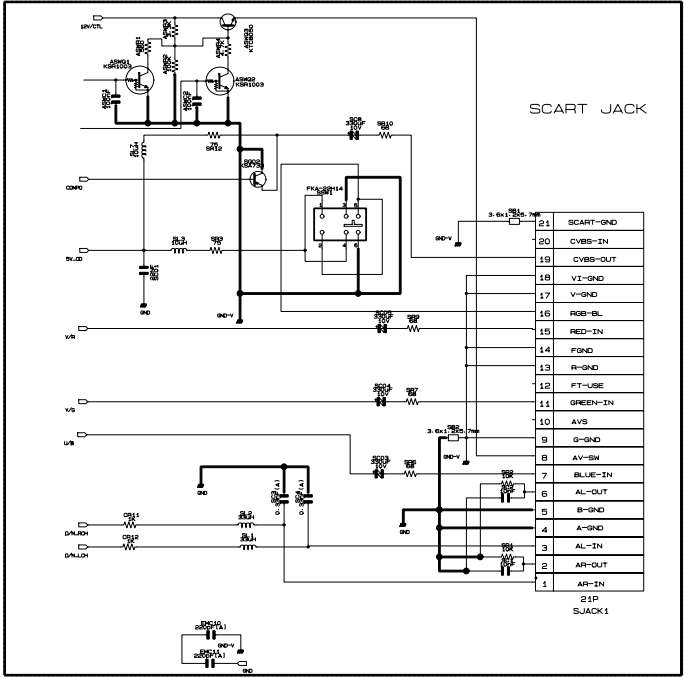
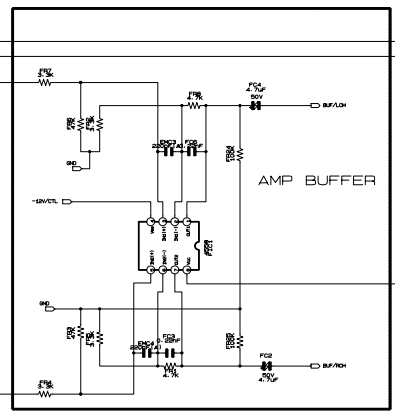
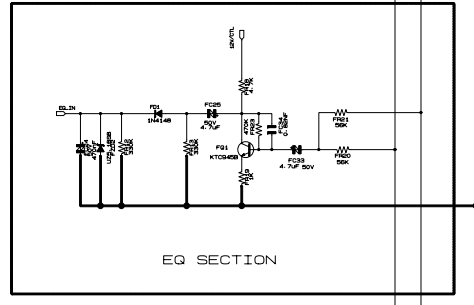
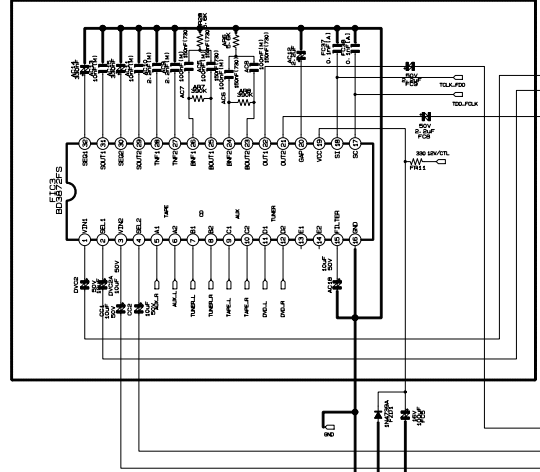
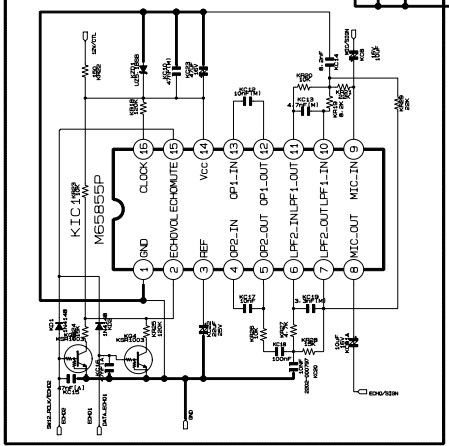
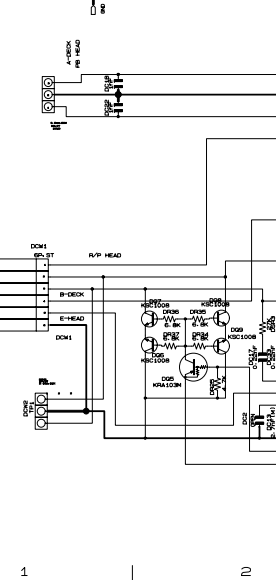
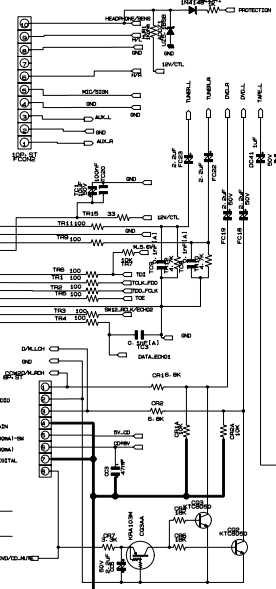
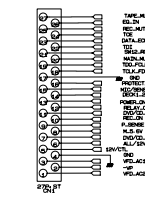


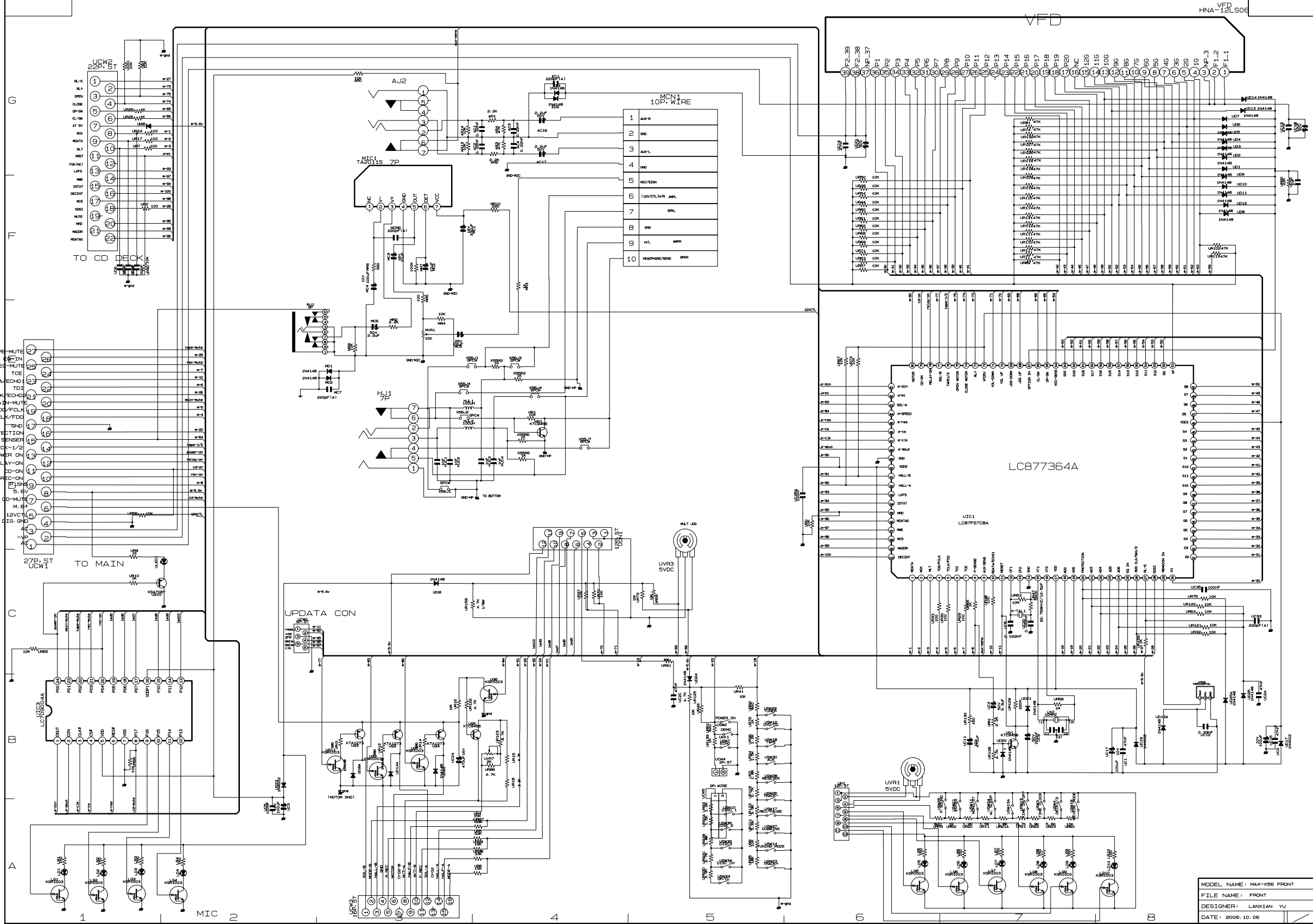
REC DATA

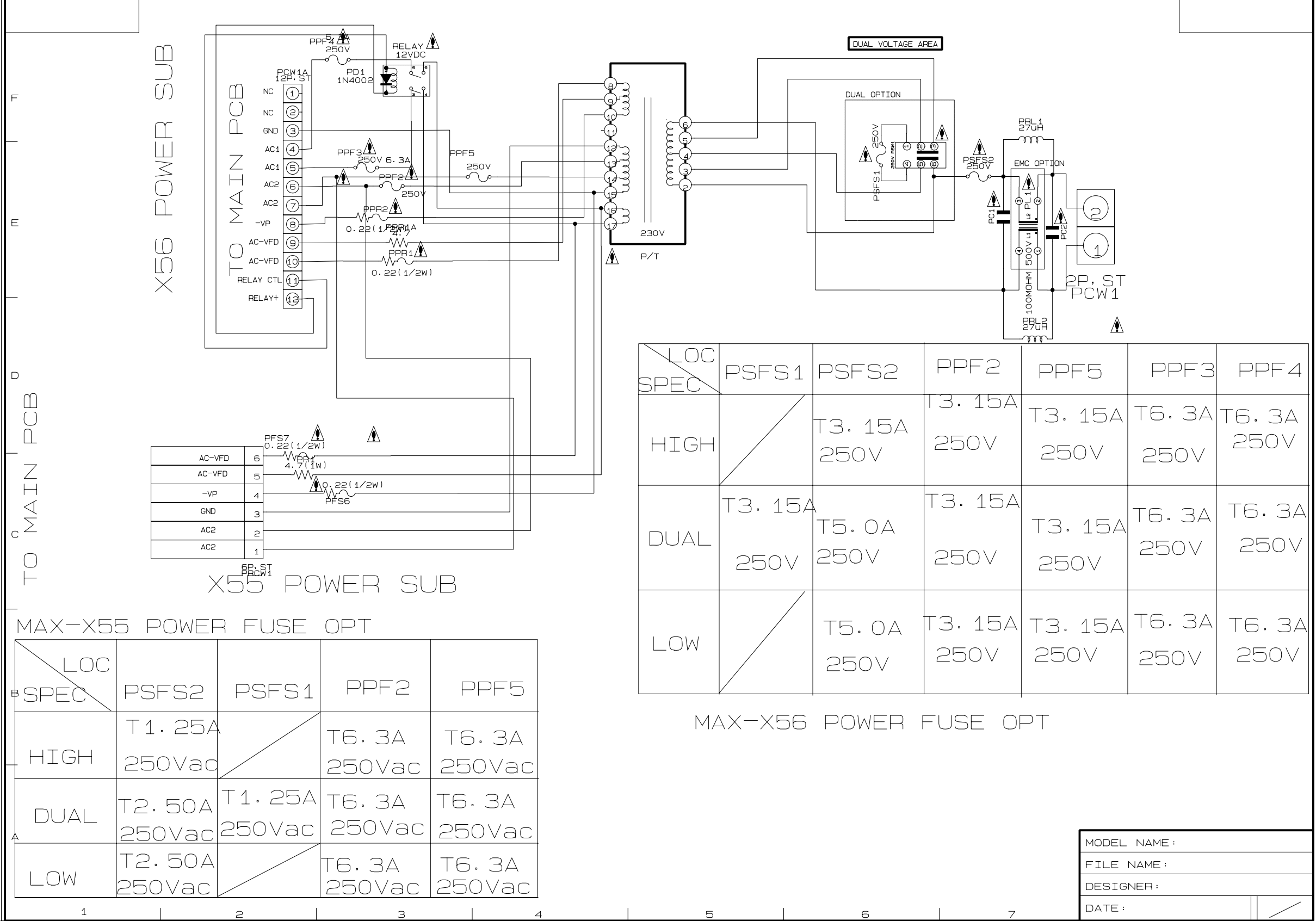
1 2 3 4 5 6 7 8 9 10 11



G







| | |
|--------------|--|
| MODEL NAME : | |
| FILE NAME : | |
| DESIGNER : | |
| DATE : | |

WARNING (PCB ATTENTION CONTENTS)

SIGNAL_GND and MAIN_GND isn't Same Ground in AMP PCB.

This two grounds connect in POWER PCB(doesn't connect in AMP PCB)

This Circuit can use both 401 chip(-2004) and 601 chip(2005-) in common.

Current Setting is usable in 401 chip version(In 601 chip setting, changing component is AC4&AC5&AC8&AC48&AC57&AC59&AR57&AR58&AR59&AR60&AR61&AR62&AR63.

'OPEN' indicates that connection's status is open.It needs for 601 chip setting in year 2005. 'OPEN' must change to 0 ohm.But AC57&AC59 doesn't change 0 ohm but also different value.

0 ohm indicates short status but it must be added.It needs for 601 chip setting in year 2005. 0 ohm must change to 'OPEN'. But AR57&AR58&AR59&AR60 doesn't change 'OPEN' but also different value.

R40&R45 is sensing resistor,so it's ground connection needs for attention.

Chip's 27pin(CF2R)&46pin(CF2L) must not connect to Ground in Bottom(B-side) directly

This two pins must connect from sensing resistor's ground.(because of correct sensing)

Sensing resistor must be located near output part.

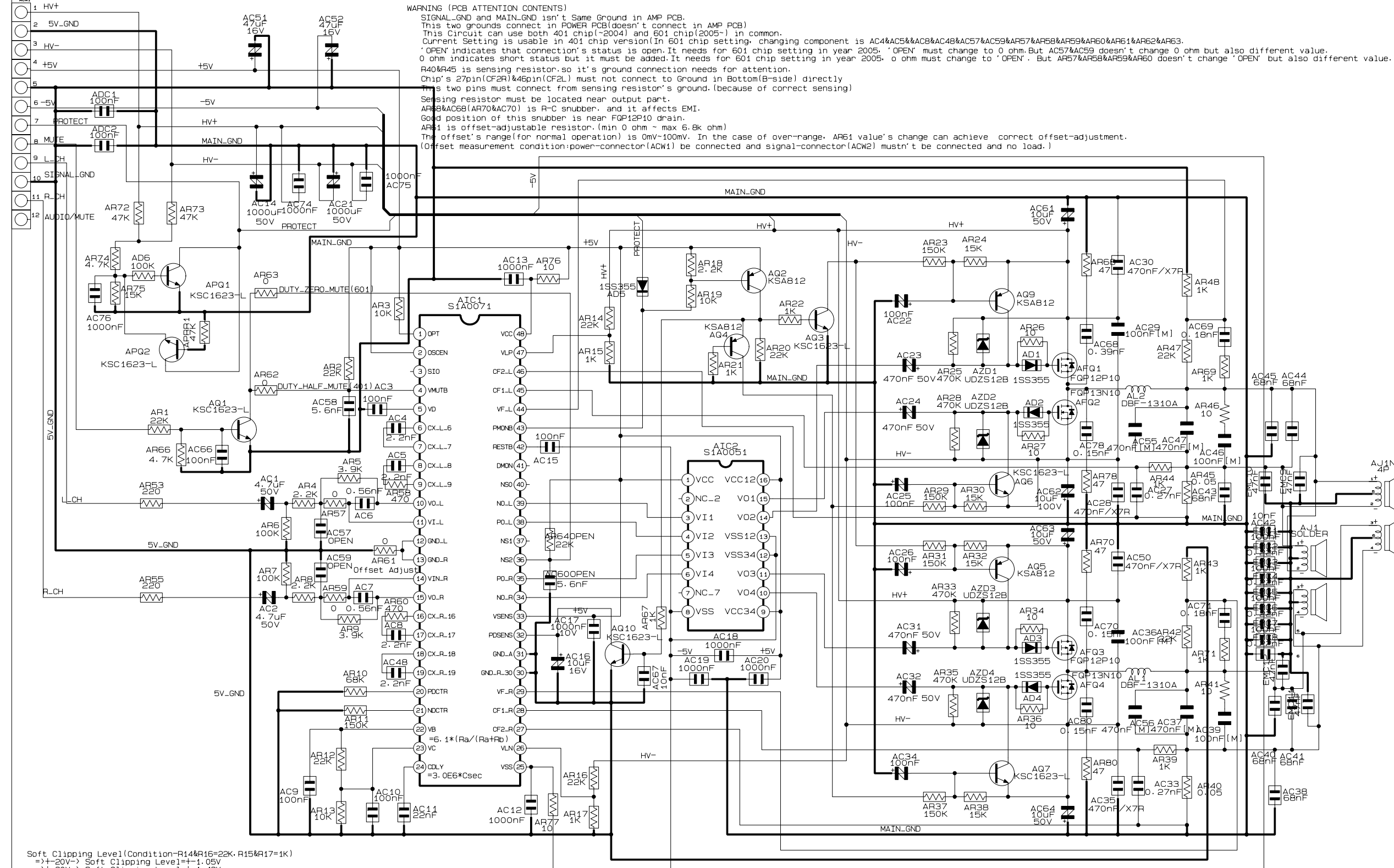
AR8&AC68(AR70&AC70) is R-C snubber, and it affects EMI.

Gold position of this snubber is near FQP12P10 drain.

AR61 is offset-adjustable resistor.(min 0 ohm ~ max 6.8k ohm)

The offset's range(for normal operation) is 0mV~100mV. In the case of over-range, AR61 value's change can achieve correct offset-adjustment.

(Offset measurement condition:power-connector(ACW1) be connected and signal-connector(ACW2) mustn't be connected and no load.)



Soft Clipping Level(Condition-R14&R16=22K, R15&R17=1K)

=>+20V-> Soft Clipping Level=+1.05V

=>+30V-> Soft Clipping Level=+1.43V

=>+45V-> Soft Clipping Level=+2.15V

=>Soft Clipping X Test = 25&26 Short - 47&48 Short

Triangle Wave Level(Switching Frequency=450kHz)

=>+20V(R12=22K, R13=5.6K, Vp=600mV)

=>+30V(R12=22K, R13=8.2K, Vp=800mV)

=>+45V(R12=22K, R13=15K, Vp=1.2V)

VB(22 pin) can adjust trangle wave level.

CDLY(24 pin) can adjust Delay time.