

<AC/DC Power controller>

We are looking for the PWM controller to design AC/DC power which satisfies following specs;

<Specs>

-AC input: Four patterns(AC24V-60V, AC48V-130V, AC100V-250V, AC250V-500V)

※ In order to correspond four patterns input, we can use several(each) PWM controllers.

-DC output: DC10V, 100mA × 2(dual output), both ground levels are separated like as GND-A and GND-B.

-SW frequency < 150kHz, (and then if possible we prefer photo coupler-less)

<Question1>

Do you have any PWM controllers which satisfy our request?(LM5021 is the just example.)

If you have the reference circuit or any ideas, could you let us know?

<Question2>

Is it possible to be separated Ground levels following circuit image?

<Question3>

One side doesn't have feed back, will the output voltage be irregular, won't it?

