

Re: PCB of garage door opener failed: Which PIC is this?

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Source: <http://sci.tech-archive.net/Archive/sci.electronics.repair/2007-02/msg00479.html>

- *From:* Joachim Wunder <Joachim_Wunder@xxxxxxxxxxxxxx>
 - *Date:* Fri, 09 Feb 2007 13:23:15 +0100
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On Fri, 09 Feb 2007 13:22:26 +0800, rebel <me@xxxxxxxxxxxxxx> wrote:

On Fri, 09 Feb 2007 01:49:26 +0100, Joachim Wunder
<Joachim_Wunder@xxxxxxxxxxxxxx> wrote:

On Fri, 09 Feb 2007 00:32:28 GMT, "Arfa Daily"
<arfa.daily@xxxxxxxxxxxxxx> wrote:

"Homer J Simpson" <nobody@xxxxxxxxxxxxxx> wrote in
message
[news:01Pyh.38172\\$Fd.27523@xxxxxxxxxxxxxx](mailto:news:01Pyh.38172$Fd.27523@xxxxxxxxxxxxxx)

"Joachim Wunder"
<Joachim_Wunder@xxxxxxxxxxxxxx>
wrote in message
news:n5dns2h0u15714kbu5rdthdb4dsmaecar@xxxxxxxxxxxxxx

Unfortunately not. I already
phoned them up today. And,
no, they are
not the manufacturer of this
Liftboy SMD 3200. Any
other ideas are
highly appreciated.

Any other info on the labels? Country of
origin?

Re: PCB of garage door opener failed: Which PIC is this?

Judging by the amount of heat that has been pouring off that regulator, and discolouring the board above, the first thing that I would be doing is removing that chip that says " VOH " on it from its socket and cleaning the pins. What exactly is the board doing wrong ? Assuming that device is a PIC, in general, they are very reliable.

Arfa

Well, ok, cleaning the 16-pin IC's pins will be easy, and I'll do so, of course. Well, from my first investigations the 40-pin PIC is very likely to be an Intel 8748 or 8749. Question now is what current PIC is still compatible to this old-fashioned one.

The whole board should control the 220V~ motor of the garage door opener, but nothing happens no more. The board behaves like dead. Reason might be a 25W bulb which blew off just before the board didn't show any reactions no more. The 25W bulb is connected in parallel to the PCB's power supply.

Exactly what markings are on the ?TO220-ish device below the small PCB? If that is a 3-terminal reg, I'd be checking it out as well.

This is a L7805C-V voltage regulator. Any means to desolder it and test it offline?