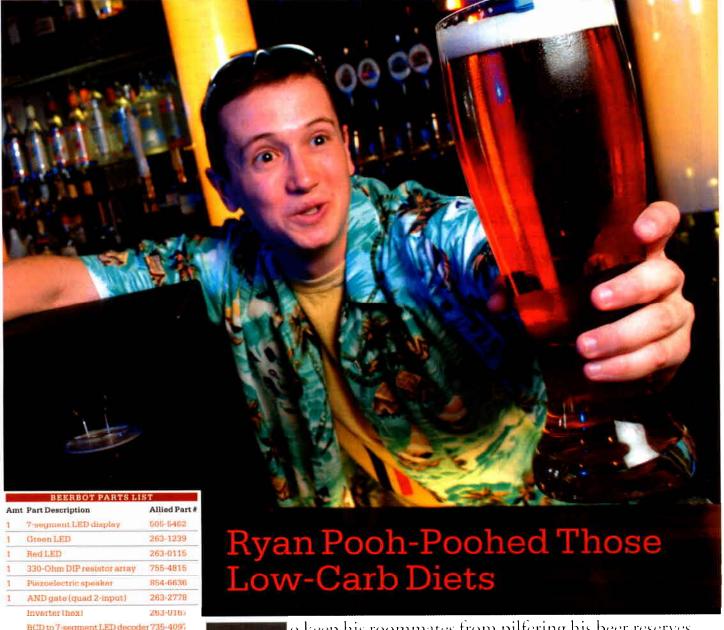
Design News Special

THE GADGEI FREAK FILES >> CASE #49





o keep his roommates from pilfering his beer reserves. Ryan resolved to build a Fort Knox-like protection device. The BeerBot waits for a correct activation code and then pours (drizzles out, actually) beer until a sensor detects the cup is filled. If the thirsty perpetrator enters the wrong code, a speaker sounds an alarm and a counter is incremented—a combo that most assuredly will prevent all but the most foolhardy from attempting another break-in. Ryan now sleeps peacefully knowing his been is safe and sound.

ARE YOU A GADGET FREAK? About Bloctronois would like to send you am a shape in discretion to \$500 in its website at www.a. editection grasp. EmailDesignNews your prefessed project, must be officiate electronic components and provise sensing es, per per na serietworking elements) to ance enviloped to see sistematical virtua destribition of how it wers such a texts. St Producting est, sise extent you? Preceive the stopping try or unito \$500 and restoration in online one introduction of Design News

For parts information, call (800) 433-5700, or go to www.alliedelec.com/gf.asp SPONSORED BY >>

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For Ryan Fredricey's instructions on how to build your own personal beer dit pensing machine, go to www.designnews.com and this kion Gadget Freak.

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4 MHx crystal SPDT relay

1N4001 tipde

5V regulator

2M ISRN MPN transpire

Todale switch (SPST)

Pushbutton (NO momentary) Bbb 1065

Additional parts required: Capacitors, esistors, PIC microcontroller, old CD-ROM drive, fluid pump and tubing, fluid sensor,