BEERBOT PARTS LIST

Amt	Part Description	Allied Part #
1	7-segment LED display	505-5462
1	Green LED	263-1239
1	Red LED	263-0115
1	330-Ohm DIP resistor array	755-4815
1	Piezoelectric speaker	854-6636
1	AND gate (quad 2-input)	263-2778
	Inverter (hex)	263-0167
	BCD to 7-segment LED decoder	735-4097
	4 MHz crystal	614-0014
	SPDT relay	686-1013
	1N4001 diode	266-0001
	2N3904 NPN transistor	568-8253
	Pushbutton (NO momentary)	855-1065
	Toggle switch (SPST)	683-0048
	Microswitch	676-4195
1	5V regulator	568-3101

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

Ryan Pooh-Poohed Those Low-Carb Diets

To 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 beer's safe and sound.

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