

Interfacing Calculators

It is a great feeling to see you come out with another computer oriented magazine. I do have one suggestion for the authors and hobbyist/businessmen that I would like to see appear in *Kilobaud*. I would like to see an article for the 100,000 plus individuals who have purchased Texas Instruments (and Hewlett Packard) programmable calculators. Specifically, how can we interface our SR-52/SR-56s to microprocessors? What are the protocols and methods for getting signals into and out of the CPU chip? Can the memory be extended, and if so, how? At the simplest level it should be possible to use the printer output jackboard as the output, and a CMOS IC switch array under microprocessor control to simulate switch closures on the keyboard. For less than \$100, the SR-56 represents a tremendous value as a preprogrammed (and programmable!) mathbox with a built-in keyboard input and printer/display outputs. Surely someone out there has the ingenuity (and logic analyser?) to help us put this little gem to work in our microprocessor systems and products!

Best of luck in your new venture  
Wayne!

Robert Monaghan  
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P.S. How can we sign up for life membership??

*Thanks for the inputs, Bob. The answer to your last question is, "Send \$150." – John.*