


Hz), start or stop conversion at a specific time, minimum allowable voltage step, and maximum current allowed. Periodic reports can be sent to the terminal, such as "the most exhausted source."

3. The COP watchdog adds further protection. It can be set so that it will be refreshed every 180 degrees, and in case of sudden software malfunction the system will be reset automatically.
4. Compensation of the turn-off/turn-on time difference of the optocouplers. The turn-off delay is usually a few microseconds longer than the turn-on delay. This difference is about the equivalent of the execution time of STA <ea> instruction, thus using the "break before make" technique: The difference in time is insignificant.

Figure 10 illustrates the possible design of the inverter based on the MC68HC11. Note that most of the functions are implemented on a single chip. A D/A must be added. The terminal is optional but recommended. 



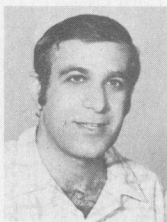
Joseph Appelbaum is an associate professor at the School of Engineering at Tel-Aviv University in Israel, which he joined in 1972. From 1978 to 1980 he was chairman of the university's Department of Electronic Communications, Control, and Computer Systems. He served as visiting professor at the University of Colorado, Boulder, from 1981 to 1983. Previously, he had been a development project engineer for General Electric, a lecturer at the Technion-Israel Institute of Technology, and a visiting assistant professor at the University of Oklahoma, Norman. His fields of interest are electrical machines and drives, inverters, optimization of electromagnetic devices, and photovoltaic solar energy systems.

Appelbaum received the BSc, MSc, and PhD degrees in electrical engineering from the Technion-Israel Institute of Technology, Haifa, Israel, in 1961, 1963, and 1967. He is a senior member of IEEE.

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Questions about this article can be directed to Appelbaum at the Department of Electronic Communications, Control, and Computer Systems, Tel-Aviv University, P.O. Box 39040, Ramat-Aviv 69978, Tel-Aviv, Israel.



David Gabbay has been an application and customer support engineer with Motorola Israel, Semiconductor & Systems (SPS) Ltd. since 1984. He received the BSc and MSc degrees in electrical engineering from the Department of Electronic Communication, Control, and Computer Systems, Tel-Aviv University, in 1979 and 1982 respectively. Gabbay is a member of the IEEE.

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