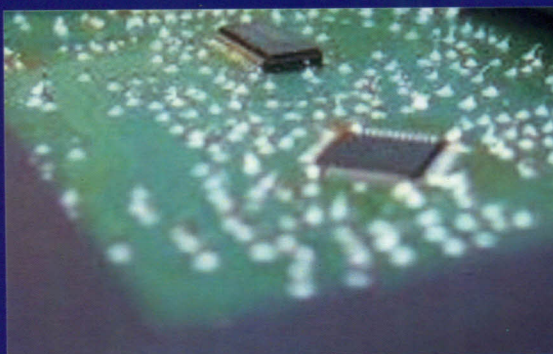
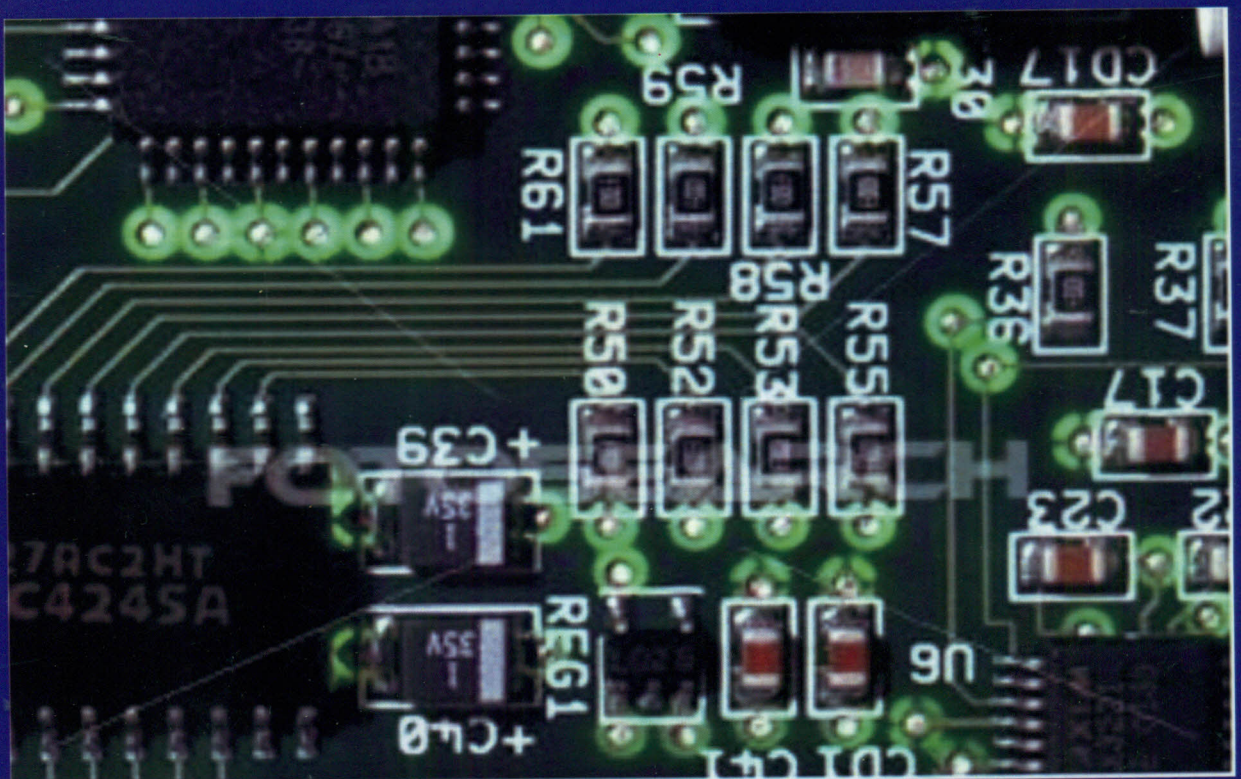


13 15/9/2021

F18

International Journal of ELECTRONICS ENGINEERING



I J E E



SERIALS PUBLICATIONS (P) LTD.

www.serialspublications.com

International Journal of ELECTRONICS ENGINEERING

VOLUME 13

NUMBER 1

JANUARY-JUNE 2021

Contents

- Analysis of PV Based Energy Generation System Using Cascaded Multi-level Z-Source Inverter 1-7
Sreejith. S, V. Indragandhi, K. Chandrasekaran, A. Venkadesan and C.S. Boopathi**
- Efficient Optimization Methods for Short Term Unit Commitment Scheduling with Influence of Major Constraints 9-20
Selvakumar .K and Vijayakumar .K
- Remote Control and Monitoring of Solar Powered Robotic Automation Vehicle using LabVIEW 21-27
M. Moovendan, D. Karthikeyan, K. Vijayakumar and D. Sivakumar
- Combined Economic Emission Dispatch for Wind: Thermal Generation Units 29-39
G. Santhoshkumar, K. Vijayakumar, K. Selvakumar, R. Palanisamy and D. Karthikeyan
- Modified SEPIC Converter with High Static Gain for Renewable Energy Applications 41-49
C. Sakthivel, K. Selvakumar and T. Venkatesan
- Simulation and Implementation of Hybrid Solar Inverter using Synchronous Buck MPPT Charge Controller and Bidirectional Converter for Domestic Applications 51-59
K. Surendhirababu, D. Karthikeyan, K. Vijayakumar, K. Selvakumar and R. Palanisamy

