

Abstracts

Intelligent RF power module using automatic bias control (ABC) system for PCS CDMA applications

T. Sato, S. Yuyama, A. Nakajima, H. Ono, A. Iwai, E. Hase and C. Kusano. "Intelligent RF power module using automatic bias control (ABC) system for PCS CDMA applications." 1998 MTT-S International Microwave Symposium Digest 98.1 (1998 Vol. 1 [MWSYM]): 201-204.

Intelligent RF Power Module accommodates advanced PHEMT (Pseudomorphic HEMT) die and a Automatic Bias Control (ABC) system Si die on a small ceramic substrate. This 3.5 V RF Power Module has been designed for use in PCS CDMA applications. At PCS frequency of 1880 MHz, the module attained 35% PAE at $P_o=28$ dBm.

 [Return to main document.](#)