Line-seize. Both audio input and output will though Q13 and Q14.

Ring detect circuit, Caller ID System and Answer Machine system.

The ring signal and CID signals though C63, C64 (22n, 400V), R113 and R114 (470K ohm) input to U1 DCH36119 EDCT controller to demodulate the CID data then displayed on the Handset LCD display. The Answer Machine System is controlled by U1 DLH36569 EDCT controller, and voice promote is stored in NAND type Flash IC

Digital Security coding system

The handset and Base is pre-registered with 20bits for base and handset unit identification digital security codes, which are stored into the non-volatile memory. This is fulfilling the FCC Part 15.214(d) requirement that there must be at least 256 discrete digital codes. Moreover, the identification digital security codes and handset's numbers of handset is factory-exchanged to the Base and vice versa, before having packed to the gift-box.