

EXHIBIT E

Description of Electrical Circuitry

OPERATION	Signal	
	I N	ROUTE → O U T
MONITOR		TEL LINE-T101-C111-R111-IC101(2-1)-C119-CN101(8)- {CN501(8)-C584-R576-IC514(23-34)-C551-R551-IC501(42-41)-C570-R563-IC514(32-35)-CN501(10)} -CN101(10)-C131-R133-IC102(4-5, 8)-CN105(1, 2)-SPEAKER
DTMF Monitor	Speaker	{IC505(69)-C586-R574-IC514(24-34)-C551-R551-IC501(42-41)-C570-R563-IC514(32-35)-CN501(10)} -CN101(10)-C131-R133-IC102(4-5, 8)-CN105(1-2)-SPEAKER
CNG detection		TEL LINE-T102-CN106(3)- {CN507(3)-R640-C630-R581-IC514(20-31)-R610-C616-IC505(60)}
VOX detection		TEL LINE-T102-CN106(3)- {CN507(3)-R640-C630-R581-IC514(20-31)-R610-C616-IC505(60)}
DTMF for TEL LINE FAX Tx		{IC505(69)-C586-R574-IC514(24-22)-CN501(9)} -CN101(9)-C122-R124-IC101(6-7)-C117-R110-T101-TEL LINE
Dummy Ring Back Tone		{IC501(38)-R544-Q508(E-C)-C557-R559-IC514(27-22)-CN501(9)} -CN101(9)-C122-R124-IC101(6-7)-C117-R110-T101-TEL LINE
Ringin/ Alarm / Beep / Key Tone		{IC501(38)-R544-Q508(E-C)-C557-R559-IC514(27-34)-C551-R551-IC501(42-41)-C570-R563-IC514(32-35)-CN501(10)} -CN101(10)-C131-R133-IC102(4-5, 8)-CN105(1, 2)-SPEAKER
FAX Rx		TEL LINE-T101-C111-R111-IC101(2-1)-C119-CN101(8)- {CN501(8)-C584-R576-IC514(23-31)-R610-C616-IC505(60)}

Note:

{ } : Inside the digital board

Description of Electrical Circuitry

OPERATION	IN Signal ROUTE OUT
Portable Handset Tx	(Portable Handset) MIC-C251-R240-IC201(24-23)-R280-C247-R234-IC201(22-19)-R232-R233-IC201(18-17)-C259-R251-VR201-RF UNIT(1-14)-C268-C270-ANT (Cordless Base Block) ANT-C200-RF UNIT(RF101(14-11))-C183-VR102-R179-C185-R184-R185-IC103(9-12)-C191-R186-IC103(13-14)-C192-R188-IC103(15-18)-CN101(11) (Main Block) {CN501(11)-R578-C587-IC514(15-22)-CN501(9)} -CN101(9)-C122-R124-IC101(6-7)-C117-R110-T101-TEL LINE
Portable Handset Rx	(Main Block) TEL LINE-T101-C111-R111-IC101(2-1)-C119-CN101(8)- {CN501(8)-C584-R576-IC514(23-34)-C551-R551-IC501(42-41)-C570-R563-IC514(32-11)-CN501(13)} - (Cordless Base Block) (Cordless Base Block) CN101(13)-C177-R173-IC103(1-2)-C175-IC103(3-6)-C171-R171-R170-VR101-RF UNIT-(RF101(1-14))-C200-ANT (Portable Handset) ANT-C270-C268-RF UNIT(14-11)-VR202-C210-R211-R215-IC201(53-11)-R229-C233 IC201(10-3) IC201(10-5) SPEAKER

Note:

{ }: Inside the digital board