EXHIBIT - 3

FUNCTION OF SEMICONDUCTORS

UH-045Z

IC

REF No.	DESCRIPTION	FUNCTION	MANUFACTURE
IC101	NJG1550F-TE1	1st MIXER	JRC
IC102	BA4116FV-E1	IF IC	ROHM
IC201	ACE9020/NP1T	RECEIVER and TRANSISTOR INTERFACE	PLESSEY
IC202	ACE9030/FP1N	RADIO INTERFACE and SYNTHESISER	PLESSEY
IC203	M62552GP-600C	POWER CONTROL AMP	MITSUBISHI
IC301	ACE9040/FP1N	AUDIO PROCESSOR	PLESSEY
IC401	ACE9050/FP1N	SYSTEM CONTROLLER and DATA MODEM	PLESSEY
IC402	MBM29LV002T-12PNS	2M FLASH ROM	FUJITSU
IC403	24LC16BT-I/SN	16Kbit EEPROM	MICRO CHIP
IC503	TK11237BMCL	3.7V REGURATOR	TOKO
IC504	TK11237BMCL	3.7V REGURATOR	TOKO
IC505	TK11237BMCL	3.7V REGURATOR	TOKO
IC302	LC73883M-TLM	DTMF RECEIVER	SANYO
IC501	MM1333HWBE	CHRGE CONTROL	MITSUMI
IC502	LT1317BCMS8	DC/DC CONVERTER	LINEAR TECH
IC204	FMM5512ZET/101	POWER AMPLIFIRE	FUJITSU

MODULE

REF No.	DESCRIPTION	FUNCTION	MANUFACTURE
MO101	MQE914-926-T7	VCO	MURATA
MO202	DTO-441K1 14.85MHz	TCXO	DAISHINKU

FILTER

REF No.	DESCRIPTION	FUNCTION	MANUFACTURE
FL101	D5CC-881M50-D1A4-T	DUPLEXER	FUJITSU
FL102	F5CE-881M50-D233-T	RX SAW FILTER	FUJITSU
FL103	D45030AR1	IF X'tal FILTER	DAISHINKU
FL104	PBFC450R30KR6	CERAMIC FILTER	KYOCERA
FL201	F5CE-836M50-D232-T	TX SAW FILTER	FUJITSU

TRANSISTOR

REF No.	DESCRIPTION	FUNCTION	MANUFACTURE
Q101	AT-31011-TR1	LNA	HP
Q102	2SC4181-L17-T1	RIPPLE FILTER	NEC
Q201	AT41511-TR1	TX DRIVER	HP
Q202	XP4314-(TX)	POWER CONTROL SW	PANASONIC
Q503	DTC144EE TL	CHARGE CONTROL SW	ROHM
Q402	DTC144EE TL	POWER KEY DETECT SW	ROHM
Q403	DTC144EE TL	LED SW	ROHM
Q405	2SA1745-6-TL	LED DRIVER	SANYO
Q406	DTC144EE TL	LCD CHIP SELECT SW	ROHM
Q508	DTA144EE TL	CHARGE DETECT SW	ROHM
Q401	UMD3N-TR	BATTERY DETECT SW	ROHM
Q409	UMD3N-TR	POWER KEY INTERRUIPT SW	ROHM
D421	NNCD4.7C-T1	PROTECTION FOR ESD	NEC
D422	NNCD4.7C-T1	PROTECTION FOR ESD	NEC
D423	NNCD4.7C-T1	PROTECTION FOR ESD	NEC
D424	NNCD4.7C-T1	PROTECTION FOR ESD	NEC
D425	NNCD4.7C-T1	PROTECTION FOR ESD	NEC
D426	NNCD4.7C-T1	PROTECTION FOR ESD	NEC
D427	NNCD4.7C-T1	PROTECTION FOR ESD	NEC
D401	DAN222-TL	DETECT	ROHM
D403	DAN222-TL	DETECT	ROHM
D409	CL-200-YG-C-TS	LED FOR LCD	CITIZEN
D410	CL-200-YG-C-TS	LED FOR LCD	CITIZEN
D411	CL-200-YG-C-TS	LED FOR LCD	CITIZEN
D412	SML-510MW T86	LED FOR BACKLIGHT	ROHM
D413	SML-510MW T86	LED FOR BACKLIGHT	ROHM
D414	SML-510MW T86	LED FOR BACKLIGHT	ROHM
D415	SML-510MW T86	LED FOR BACKLIGHT	ROHM
D416	SML-510MW T86	LED FOR BACKLIGHT	ROHM
D417	SML-510MW T86	LED FOR BACKLIGHT	ROHM
D418	SML-510MW T86	LED FOR BACKLIGHT	ROHM
D419	SML-510MW T86	LED FOR BACKLIGHT	ROHM
D420	SML-510MW T86	LED FOR BACKLIGHT	ROHM
D430	SML-510MW T86	LED FOR BACKLIGHT	ROHM
D431	SML-510MW T86	LED FOR BACKLIGHT	ROHM
D404	DAN222-TL	DETECT	ROHM
D405	DAN222-TL	DETECT	ROHM