

Name	Function
ML414R-TT30	BATTERY,
GRM36B102K50PT	CAPACITOR
GRM39F105Z10NT	CAP,
GRM39B224K10NT	CAP,
TCFGA1A106M8R	CAP,
GRM36F104Z16PT	CAP,
GRM36CH330J50PT	CAP,
GRM36CH330J50PT	CAP,
GRM36CH330J50PT	CAP,
GRM36CH330J50PT	CAP,
GRM40B105K10NT	CAP,
GRM40B105K10NT	CAP,
GRM39B104K16	CAPACITOR
GRM39F105Z10NT	CAP,
GRM36CH270J50PT	CAP,
GRM36CH270J50PT	CAP,
GRM36CH270J50PT	CAP,
GRM39B104K16	CAPACITOR
EW-667-F	IC,
LTC3200ES6-5#TR	IC,
MM1612J	IC,
TC7SH08FU TE85L	IC
TC7SH32FU TE85L	IC,
LL1005-FH18NJ	IND,
LL1005-FH18NJ	IND,
CR16SB000J	RES,
CR16SB000J	RES,
CR16SB000J	RES,
CR16SB000J	RES,
CR16SB000J	RES,
CR16SB000J	RES,
CR16SB000J	RES,
CR16SB000J	RES,
CR16SB000J	RES,
CR16SB000J	RES,
CR16SB000J	RES,
CR16SB000J	RES,
CR16SB000J	RES,
CR16SB000J	RES,
CR16SB000J	RES,
CR16SB000J	RES,
CR16SB000J	RES,
CR16SB000J	RES,
CR16SB4R7J	RES,
CR16SB4R7J	RES,
CR16SB000J	RES,
CR16SB823J	RES,
CR16SB105J	RES,

CR16SB391J	RES
CR16SB331J	RESISTOR
CR16SB271J	RES,
CR16SB105J	RES,
CR16SB105J	RES,
CR16SB105J	RES,
CR16SB104J	RES,
CR16SB000J	RES,
CR16SB000J	RES,
CR16SB153J	RES,
CR16SB104J	RES,
CR16SB105J	RES,
CR16SB000J	RES,
CR16SB000J	RES,
TP0205AD-T1	FET,
UM6K1N	FET,
UM6K1N	FET,
FRGB1301CE-10-TF	LED,
RB521S-30TE61	DIODE,
RB521S-30TE61	DIODE,

Name	Function
LMK212BJ225KG-T	CAPACITOR
GRM36CH101J50PT	CAPACITOR
GRM40B105K10NT	CAPACITOR
GRM39B104K16	CAPACITOR
GRM36CH101J50PT	CAPACITOR
GRM36CH050C50PT	CAPACITOR
LMK212BJ225KG-T	CAPACITOR
GRM40B105K10NT	CAPACITOR
GRM39B104K16	CAPACITOR
GRM36CH270J50PT	CAPACITOR
GRM36CH270J50PT	CAPACITOR
GRM36CH270J50PT	CAPACITOR
LMK212BJ225KG-T	CAPACITOR
LMK316F106ZL	CAPACITOR
LMK212BJ225KG-T	CAPACITOR
LMK212BJ225KG-T	CAPACITOR
LMK212BJ225KG-T	CAPACITOR
GRM36CH330J50PT	CAPACITOR
GRM36CH330J50PT	CAPACITOR
GRM36CH330J50PT	CAPACITOR
LMK212BJ225KG-T	CAPACITOR
GRM39B104K16	CAPACITOR
GRM39B224K10NT	CAPACITOR
CM105B684K10AT	CAPACITOR
GRM36CH270J50PT	CAPACITOR
GRM36CH330J50PT	CAPACITOR
TCFGP1A475M8R	CAPACITOR
GRM36B103K16PT	CAPACITOR
GRM36CH101J50PT	CAPACITOR
GRM36CH150J50PT	CAPACITOR
GRM36CH120J50PT	CAPACITOR
GRM39F224Z16NT	CAPACITOR
GRM36B103K16PT	CAPACITOR
GRM36B103K16PT	CAPACITOR
GRM36B103K16PT	CAPACITOR
GRM36F104Z16PT	CAPACITOR
GRM39F224Z16NT	CAPACITOR
GRM36B103K16PT	CAPACITOR
GRM36B103K16PT	CAPACITOR
GRM36B103K16PT	CAPACITOR
GRM39F105Z10NT	CAPACITOR
GRM36F104Z16PT	CAPACITOR
GRM36CH470J50PT	CAPACITOR
GRM36CH270J50PT	CAPACITOR
GRM36CH270J50PT	CAPACITOR

GRM39B223K25	CAPACITOR
GRM36CH330J50PT	CAPACITOR
GRM36CH330J50PT	CAPACITOR
GRM36CH330J50PT	CAPACITOR
GRM36CH330J50PT	CAPACITOR
GRM36CH330J50PT	CAPACITOR
GRM36CH330J50PT	CAPACITOR
GRM36CH330J50PT	CAPACITOR
GRM36CH330J50PT	CAPACITOR
GRM36CH330J50PT	CAPACITOR
GRM36CH330J50PT	CAPACITOR
GRM36F104Z16PT	CAPACITOR
GRM39F105Z10NT	CAPACITOR
GRM39F105Z10NT	CAPACITOR
GRM39F105Z10NT	CAPACITOR
GRM39B104K16	CAPACITOR
GRM39B104K16	CAPACITOR
GRM36B103K16PT	CAPACITOR
GRM36B103K16PT	CAPACITOR
LMK316F226ZL	CAPACITOR
GRM36B102K50PT	CAPACITOR
GRM36CH270J50PT	CAPACITOR
GRM36F104Z16PT	CAPACITOR
GRM36F104Z16PT	CAPACITOR
GRM36B103K16PT	CAPACITOR
GRM36CH100C50PT	CAPACITOR
GRM36CH101J50PT	CAPACITOR
GRM39F105Z10NT	CAPACITOR
GRM39F224Z16NT	CAPACITOR
GRM36CH270J50PT	CAPACITOR
GRM36CH270J50PT	CAPACITOR
GRM36CH270J50PT	CAPACITOR
GRM36B221K50PT	CAPACITOR
GRM36CH121J50PT	CAPACITOR
GRM36B104K10NT	CAPACITOR
TCFGP1C105M8R	CAPACITOR
GRM36CH270J50PT	CAPACITOR
GRM36CH270J50PT	CAPACITOR
GRM36CH101J50PT	CAPACITOR
GRM36CH270J50PT	CAPACITOR
GRM36CH270J50PT	CAPACITOR
GRM36CH270J50PT	CAPACITOR
GRM36CH270J50PT	CAPACITOR
GRM36CH270J50PT	CAPACITOR
GRM36B104K10NT	CAPACITOR
GRM36B104K6.3NT	CAPACITOR
GRM36B221K50PT	CAPACITOR

GRM36B104K6.3NT	CAPACITOR
GRM36B104K6.3NT	CAPACITOR
GRM36B104K10NT	CAPACITOR
GRM36CH150J50PT	CAPACITOR
GRM36B104K6.3NT	CAPACITOR
GRM36B104K6.3NT	CAPACITOR
GRM36B104K6.3NT	CAPACITOR
GRM36CH150J50PT	CAPACITOR
GRM36B102K50PT	CAPACITOR
TCFGP1A475M8R	CAPACITOR
GRM36CH100C50PT	CAPACITOR
GRM36B331K50PT	CAPACITOR
GRM36CH100C50PT	CAPACITOR
GRM36B104K6.3NT	CAPACITOR
GRM36B104K6.3NT	CAPACITOR
GRM36B331K50PT	CAPACITOR
GRM40B475K6.3NT	CAPACITOR
GRM36CH270J50PT	CAPACITOR
GRM36CH150J50PT	CAPACITOR
GRM36B104K6.3NT	CAPACITOR
GRM36B104K6.3NT	CAPACITOR
GRM36B221K50PT	CAPACITOR
GRM36B104K6.3NT	CAPACITOR
GRM36CH270J50PT	CAPACITOR
GRM36CH270J50PT	CAPACITOR
GRM36B472K25PT	CAPACITOR
GRM36CH101J50PT	CAPACITOR
GRM36CH4R7C50PT	CAPACITOR
GRM36CK1R2C50PT	CAPACITOR
GRM36CH101J50PT	CAPACITOR
GRM36CH120J50PT	CAPACITOR
GRM36B102K50PT	CAPACITOR
GRM36B102K50PT	CAPACITOR
GRM36CH4R7C50PT	CAPACITOR
GRM36B103K16PT	CAPACITOR
GRM36CH101J50PT	CAPACITOR
GRM36CK1R2C50PT	CAPACITOR
GRM36CH101J50PT	CAPACITOR
GRM36CH150J50PT	CAPACITOR
GRM36B102K50PT	CAPACITOR
GRM36CH121J50PT	CAPACITOR
GRM36B102K50PT	CAPACITOR
GRM36CH270J50PT	CAPACITOR
GRM36B102K50PT	CAPACITOR
GRM36CH100C50PT	CAPACITOR
GRM36B102K50PT	CAPACITOR

GRM36CJ3R3C50PT	CAPACITOR
GRM36CH6R8C50PT	CAPACITOR
GRM36CH4R7C50PT	CAPACITOR
GRM36CH470J50PT	CAPACITOR
GRM36CH121J50PT	CAPACITOR
GRM36CH100C50PT	CAPACITOR
GRM36CH121J50PT	CAPACITOR
GRM39CH331J50	CAPACITOR
GRM36B103K16PT	CAPACITOR
GRM36CH100C50PT	CAPACITOR
GRM36CH180J50PT	CAPACITOR
ECHU1H182JX5	CAPACITOR
GRM36CH560J50PT	CAPACITOR
GRM36B471K50PT	CAPACITOR
GRM36CH080D50PT	CAPACITOR
GRM36CH560J50PT	CAPACITOR
GRM36CK010C50PT	CAPACITOR
GRM36CH060C50PT	CAPACITOR
GRM36CH060C50PT	CAPACITOR
GRM36CH100C50PT	CAPACITOR
GRM36CJ3R3C50PT	CAPACITOR
GRM36CJ3R3C50PT	CAPACITOR
GRM36CK2R7C50PT	CAPACITOR
GRM36CH120J50PT	CAPACITOR
GRM36B221K50PT	CAPACITOR
GRM36CJ3R3C50PT	CAPACITOR
GRM36CH120J50PT	CAPACITOR
GRM36CK2R2C50PT	CAPACITOR
GRM36CH060C50PT	CAPACITOR
GRM36CK2R7C50PT	CAPACITOR
GRM36CH220J50PT	CAPACITOR
GRM36CH120J50PT	CAPACITOR
GRM36CJ3R3C50PT	CAPACITOR
GRM36CH270J50PT	CAPACITOR
GRM36CH101J50PT	CAPACITOR
GRM36B102K50PT	CAPACITOR
GRM36CH470J50PT	CAPACITOR
GRM36CH220J50PT	CAPACITOR
GRM36CH060C50PT	CAPACITOR
GRM36CH121J50PT	CAPACITOR
GRM36CH270J50PT	CAPACITOR
GRM40CH102J50PT	CAPACITOR
GRM36CH470J50PT	CAPACITOR
GRM36CKR75C50PT	CAPACITOR
GRM36CK1R2C50PT	CAPACITOR
GRM36CH680J50PT	CAPACITOR

GRM36CH470J50PT	CAPACITOR
GRM36CH470J50PT	CAPACITOR
GRM36CH150J50PT	CAPACITOR
GRM36CJ3R3C50PT	CAPACITOR
GRM36CH4R7C50PT	CAPACITOR
GRM36CH680J50PT	CAPACITOR
GRM36CK2R2C50PT	CAPACITOR
GRM36B102K50PT	CAPACITOR
GRM36CH6R8C50PT	CAPACITOR
GRM36CKR75C50PT	CAPACITOR
GRM36CH180J50PT	CAPACITOR
GRM36CH330J50PT	CAPACITOR
GRM36CH221J25PT	CAPACITOR
GRM36CH560J50PT	CAPACITOR
GRM36CH220J50PT	CAPACITOR
GRM36CH220J50PT	CAPACITOR
GRM36CH100C50PT	CAPACITOR
GRM36B102K50PT	CAPACITOR
GRM36B103K16PT	CAPACITOR
GRM39F105Z10NT	CAPACITOR
GRM36B103K16PT	CAPACITOR
GRM36CH100C50PT	CAPACITOR
GRM36CH100C50PT	CAPACITOR
LMK212BJ225KG-T	CAPACITOR
GRM36CH270J50PT	CAPACITOR
GRM36CH101J50PT	CAPACITOR
GRM36CH180J50PT	CAPACITOR
GRM36CH560J50PT	CAPACITOR
GRM36CH330J50PT	CAPACITOR
GRM36CH270J50PT	CAPACITOR
GRM36B102K50PT	CAPACITOR
GRM36CH330J50PT	CAPACITOR
GRM36CH330J50PT	CAPACITOR
GRM36CH4R7C50PT	CAPACITOR
GRM36CH270J50PT	CAPACITOR
GRM36B102K50PT	CAPACITOR
GRM36CH180J50PT	CAPACITOR
GRM36CH330J50PT	CAPACITOR
TCFGA1A106M8R	CAPACITOR
GRM36CH330J50PT	CAPACITOR
GRM36B102K50PT	CAPACITOR
GRM36B102K50PT	CAPACITOR
GRM36B102K50PT	CAPACITOR
GRM36B103K16PT	CAPACITOR
GRM36B103K16PT	CAPACITOR
GRM36B103K16PT	CAPACITOR

GRM36B103K16PT	CAPACITOR
GRM36CH101J50PT	CAPACITOR
GRM36CH330J50PT	CAPACITOR
GRM36B103K16PT	CAPACITOR
GRM36CH100C50PT	CAPACITOR
GRM36CH330J50PT	CAPACITOR
SMV1263-079	DIODE
F0603C1R25FWTRM	FUSE
120220-0105	CONNECTOR
AXR511888601	CONNECTOR
IL-FHJ-27S-HF-A1	CONNECTOR
IL-FHJ-39S-HF-A1	CONNECTOR
IL-FHJ-17S-HF-A1	CONNECTOR
LL1005-FH10NJ	INDUCTOR
LL1005-FH10NJ	INDUCTOR
LL1005-FH1N2S	INDUCTOR
LL1005-FH82NJ	INDUCTOR
LL1005-FH68NJ	INDUCTOR
LL1005-FH27NJ	INDUCTOR
LL1608-FSR12J	INDUCTOR
LL1005-FH27NJ	INDUCTOR
LL1005-FH10NJ	INDUCTOR
LL1005-FHR10J	INDUCTOR
LL1005-FH27NJ	INDUCTOR
LL1608-FSR10J	INDUCTOR
LL1005-FH2N7S	INDUCTOR
LL1005-FH22NJ	INDUCTOR
LL1005-FH3N9S	INDUCTOR
LL1005-FH47NJ	INDUCTOR
LL1005-FH2N7S	INDUCTOR
LL1005-FH5N6S	INDUCTOR
LL1005-FH5N6S	INDUCTOR
LL1005-FH22NJ	INDUCTOR
LL1005-FH15NJ	INDUCTOR
LL1005-FH82NJ	INDUCTOR
LL1005-FH10NJ	INDUCTOR
LL1005-FH4N7S	INDUCTOR
LL1005-FH10NJ	INDUCTOR
LL1005-FH27NJ	INDUCTOR
LL1005-FH22NJ	INDUCTOR
LL1005-FH3N9S	INDUCTOR
LL1005-FH27NJ	INDUCTOR

LL1608-FSR18J	INDUCTOR
LL1608-FSR18J	INDUCTOR
LL1005-FH68NJ	INDUCTOR
LL1608-FSR18J	INDUCTOR
LL1005-FH6N8J	INDUCTOR
LL1005-FH6N8J	INDUCTOR
LL1005-FH82NJ	INDUCTOR
LL1005-FH22NJ	INDUCTOR
LL1005-FH12NJ	INDUCTOR
LL1005-FH5N6S	INDUCTOR
LL1005-FH47NJ	INDUCTOR
LL1005-FH10NJ	INDUCTOR
LL1005-FH47NJ	INDUCTOR
LL1005-FH33NJ	INDUCTOR
LL1005-FH56NJ	INDUCTOR
LL1005-FHR10J	INDUCTOR
LL1005-FH15NJ	INDUCTOR
Si6923DQ	FET with DIODE
UM6K1N	FET
NDC632P	FET
UM6K1N	FET
MCH6401-TL	FET
UM6K1N	FET
BFQ67	TRANSISTOR
UMA3N	TRASISTOR
CR16SB000J	RESISTOR
CR16SB274J	RESISTOR
CR16SB2R2J	RESISTOR
CR16SB000J	RESISTOR
CR16SB101J	RESISTOR
CR16SB101J	RESISTOR
CR16SB101J	RESISTOR
CR16SB104J	RESISTOR
CR16SB105J	RESISTOR
CR16SB104J	RESISTOR
CR16SB101J	RESISTOR
CR16SB101J	RESISTOR
CR16SB105J	RESISTOR
CR16SB104J	RESISTOR
CR16SB334J	RESISTOR
CR16SB104J	RESISTOR
CR16SB224J	RESISTOR
CR16SB224J	RESISTOR
CR16SB000J	RESISTOR

CR16SB000J	RESISTOR
CR16SB000J	RESISTOR
CR16SB000J	RESISTOR
CR16SB101J	RESISTOR
CR16SB101J	RESISTOR
CR16SB101J	RESISTOR
CR16SB101J	RESISTOR
CR16SB101J	RESISTOR
CR16SB101J	RESISTOR
CR16SB101J	RESISTOR
CR16SB101J	RESISTOR
CR16SB101J	RESISTOR
CR16SB184J	RESISTOR
CR16SB104J	RESISTOR
CR16SB105J	RESISTOR
CR16SB104J	RESISTOR
CR16SB104J	RESISTOR
CR16SB000J	RESISTOR
CR16SB102J	RESISTOR
CR16SB102J	RESISTOR
CR16SB103J	RESISTOR
CR16SB154J	RESISTOR
CR16SB222J	RESISTOR
CR16SB823J	RESISTOR
CR16SB103J	RESISTOR
CR16SB222J	RESISTOR
CR16SB2R2J	RESISTOR
CR16SB2R2J	RESISTOR
CR16SB823J	RESISTOR
CR16SB153J	RESISTOR
CR16SB103J	RESISTOR
CR16SB102J	RESISTOR
CR16SB563J	RESISTOR
CR16SB000J	RESISTOR
CR16SB334J	RESISTOR
CR16SB102J	RESISTOR
CR16SB470J	RESISTOR
CR16SB823J	RESISTOR
CR16SB223J	RESISTOR
CR16SB333J	RESISTOR
CR16SB332J	RESISTOR
CR16SB000J	RESISTOR
CR16SB473J	RESISTOR
CR16SB273J	RESISTOR
CR16SB223J	RESISTOR
CR16SB273J	RESISTOR

[illegible]

[illegible]

[illegible]

Adjustment method of power

- HHP and personal computer are connected
- The software for adjustment is operated.
- Press PWR to turn on the phone.

- Command line of PC input 'TestModeOn' : testmode
- Command line of PC input 'ContTxon,190,5,5,0'
:Tx on at GSM 190ch power level 5
- Command line of PC input
'setRamp,450,0,0,0,22,45,68,90,205,298,371,423,455,465,450,450,450,450,444,428
,400,361,311,250,178,94,0,0,0,0,0,0'

Note : The values of the highlight is changed to change Mid-Burst power.

- Command line of PC input 'ContTxOff' : Tx off

Appendix 1 command list

1) TestModeOn

Syntax : TestModeOn
Parameters: None
Returns : TestModeOn:DONE

2) : ContTxOn

Syntax : ContTxOn, <UINT8 TxArfcn>, <UINT8 Training sequence>,
<UINT8Powerlevel>, <UINT8 Band>
Parameters: TxArfcn, channel to transmit on, valid inputs are 128 to 251 for GSM

and 512 to 810 for PCS

Training sequence, valid inputs 0 to 7

Powerlevel, valid inputs 5 to 19 (for PCS 0 to 15). It can be omitted if the power level was set by a previous command.

Band, valid inputs 0 (for GSM) or 1 (for PCS). It can be omitted if the band was set by a previous command.

Returns : ContTxOn:DONE

3) SetRamp

Syntax : SetRamp,< Array of 16-bit values >

Parameters: The values of a powerramp (normally 33 values)

Example : SetRamp,214,0,0,0,0,4,12,20,40,60,80,100,120,130,145,160,160,
160,150,140,130,100,80,40,20,10,0,0,0,0,0,0,0

Returns : SetRamp:DONE

4) ContTxOff

Syntax : ContTxOff

Parameters: None

Returns : ContTxOff:DONE