

Samsung SGH-Z130 codes

Here's a list of secret codes that exist in Samsung's SGH-Z130 mobile phones and which I found out on my own:

Some of these code might work on other Samsung phones as well, but I haven't verified.

*#06#: IMEI (OK, this one you knew ;-)

*#1111#: FTA S/W Version: XXDL2 (Coding is similar to the firmware's - see below)

*#1234#: Firmware: e. g. Z130XxEC1 (Revisions Z130BOEB8 and Z130XEEF3 have been seen, too.)

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Meaning of the firmware names

Here's an example: Say you have a Samsung Z130 with firmware revision Z130BOEB8

This can be split into several parts:

Z130 BO E B 8

Z130 stands for the mobile phone model

The next two characters ("XA" "XE" "AO" und so weiter) designate the firmware's Branding.

XA, XX oder XE = Samsung original (XA is sometimes used for Vodaphone-branded versions, too)

AI = I-Tim

BO = T-Mobile

BW = o2

and so on

The character thereafter is a code for year in which the firmware has been released:

C = 2003

D = 2004

E = 2005

and so on

The next character indicates is a code for its month:

A = January G = July

B = February H = August

C = March I = September

D = April J = October

E = May K = November

F = June L = December

The last character shows the firmware's revision:

1 = rev.1

2 = rev.2

and so on...

All put together we see that in our example it's a firmware with T-Mobile branding of February 2005.

*#2222#: FTA Hardware Version: Rev. 0.63

*#9998*8376263# : Hardware and software version (MP stand for Mass Production)

*#0228#: Battery Info (= *#0BAT#)

*#0842#: Vibrator Test (= *#0VIB#)

*#0782#: Real-Time Clock Date and Time (= *#0RTC#)

*#123580#: Factory Test Mode (Like a "T" on the keypad)

Commands for the Factory Test Mode: (Start by depressing the '#' key)

01 Select WCDMA for subsequent tests
02 Select GSM for subsequent tests
03 Select DCS for subsequent tests
04 Reset/Restart Phone
08 WCDMA Channel (10550 - 10850, Save by depressing the joystick button)
09 GSM/DCS ARFCN (Channel)
10 RD TEMP
11 YMU (0:BD_6 , 1:BD_7) Yamaha Music Unit (i. e. Sound Chip) Selection
13 BT (Bluetooth) LM/HCI Testmode (0: Off, 1: On)
14 Bluetooth (BT) MAC Address (seems to be changeable by entering digits
(Two keystrokes result in one char: On for numbers,
11-15:A-F, 16-67:G-z, etc.) There need to be exactly 8 characters, but: Use hex digits only!
15 AGC_PDMMO
30 Vibrator On
31 Vibrator Off
32 Backlight On
33 Backlight Off
34 Flashlight On
35 Flashlight Off
36 Keyboard LED On
37 Keyboard LED Off
38 AFC 0: 50 Hz, 1-9: 60 Hz
39 Hall Sel: 1 (Rotate display by 90 degr.) or 2 (Display normal)
40 Battery Type
41 Battery Voltage
42 Read PAM Temperature
43 Read MSM Temperature
44 Read Battery Value (Standby, too) Default: 002 i. e. 020 mV (Negative values start with 1(e. g.
120=-020mV)
45 Write Battery Offset (Default: 002) (see 44)
46 Backlight Brightness Level: 0...5...9 (Min.:0, Default: 5, Max: 9)
49 ?
50 GSM/WCDMA LNA Range
51 Read GSM/DCS RSSI
52 C1 Threshold: = (0 - 20) Default: 0
60 GSM/DCS TX On
61 GSM/DCS TX Off
62 GSM/DCS Power Level (Default: 15)
63 PA Start (Default: 10)
64 PA Stop (Default: 03)
65 VCTCXO: Default: 2220
66 Get DAC_Val for PA ramp Table
67 Set Power level [19] (PA ramp Table) GSM: 5 - 19, DCS: 0 - 15
68 Set frequ. comp.
70 Get DVGA Offset (WCDMA RSSI) (001 - 500 can be entered. Meaning unknown)
71 WCDMA LNA Offset (Default: 155)
72 Get WCDMA LNA Offset (Default: 280)
80 WCDMA Carrier/TX Power On
81 WCDMA Carrier/TX Power Off

82 Set WCDMA R1/R0 (Default=0:PA_R0 Off, 1: PA_R0 On)
83 Adjust WCDMA TX'agc (Default: 273)
84 22dBm? (Channel flatness)
85 TXRAS BP Table Adjust (22,5 dBm, -4.0 dBm, -41.1 dBm, -51.7 dBm)
86 WCDMA CdTrk adj
87 TX Power Limit (Default: 24, 1 - 28 dBm?)
88 WCDMA CW_Waveform (Default: 0)
91 WCDMA/GSM/DCS DRX Mode (Default: On, 0: Off, 1: On)
92 EFS NV Backup (1: OK)
93 EFS NV Restore (1: OK)
94 WCDMA Integrity (Default: Enable)
95 WCDMA Ciphering (Default: Enable)
96 USB (0: SEC Driver (default), 1: QC Driver) (See *#872#!)
97 Dual Mode (Default: Disable)
98 GCF Version Mode (0: Normal (default), 1: GCF Mode)

*#32489#: WCDMA Cipher Mode (like a "C" on the keypad) (Default: On)

*#01010522#: Factory Preconfiguration

*#7994#: Switch phone to TFS4 (Transactional File System 4) Explorer mode - Mobile works as a USB Storage Device until powered down

*#92782#: Phone Model (WAP): User Agent (UA) SGH-Z130/1.0 NF3.2 Profile/MIDP-2.0 Configuration/CLDC-1.1

*#927827#: WAP UAP (User Agent Profile): Default:
http://wap.samsungmobile.com/uaprof/z130_00.xml

*#92733284#: Toggle WAP Debug Mode

*#232337#: Bluetooth MAC Address: (e. g. 001247230655)

*#0673# Test of MP3 (= *#0MP3#)

*#0289#: Melody Test

*#872#: USB Mode (= *#USB#): 0: Samsung (default), 1: Qualcomm USB (for Qualcomm QXDM Diagnostic Tool)

*2767*2878#: Careful: Resets Telephone (all NV items and File System)

*#2580#: WCDMA Integrity Protection (like an "I" on the keypad) (Default: On)

*#0011#: Enable Testmode (Menu + 0)

*#147268#: Testmode (like a "D" on the keypad)

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