



Asus P527 - Smartphone - GSM Service Manual

Service manual

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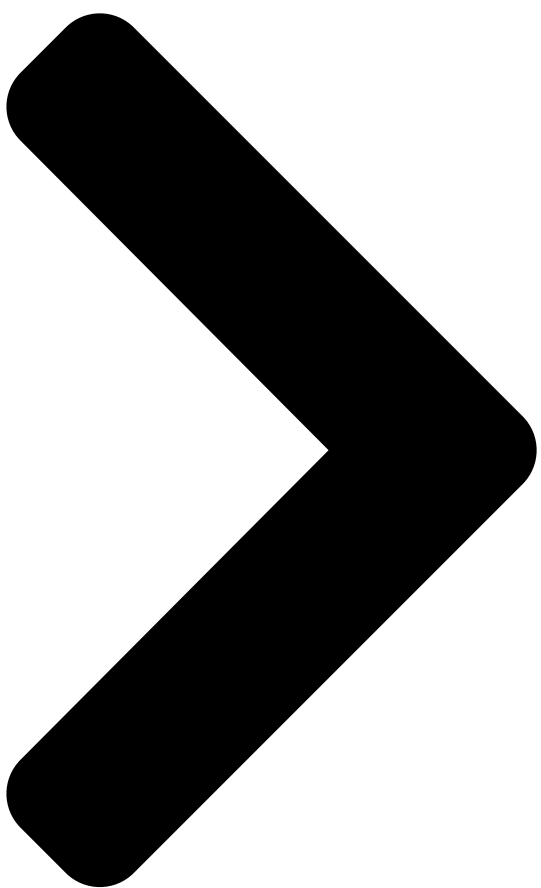
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TSD ■ Service Manual

ASUS P527

Service Manual (L1&L2)

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V1.0



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User manual (174 pages)

[Cell Phone Asus P527 Quick Start Manual](#)

Asus p527: quick start (39 pages)

[Cell Phone Asus P527 Firmware Update](#)

(9 pages)

[PDA Asus P535 Assembly & Disassembly Instructions](#)

(33 pages)

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[Page 3: Equipment Need](#)

TSD ■ Service Manual 1 Equipment Need NO# Equipment ASUS Part# Supplier Quantity
Remarks Description Computer None None SIM Card None None P527 80A-S5G1003 ASUS
Battery 07G016043459 ASUS download 14G000506200 ASUS cable Screwdriver 16-T00362002
ASUS (T5) Tweezers 16-000600014 ASUS Plastic...

[Page 4: Introduction](#)

FM radio. Users can enjoy latest news and music. RSS Reader can help to receive up-to-date
news or message without active access. ASUS ZIP makes users not to worry if the download file
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[Page 5: Product Specification](#)

TSD ■ Service Manual 2.3 Product Specification Networking EDGE/GPRS/GSM
850/900/1800/1900 system EGPRS Class B, Multi-slot Class 10 Operating System Microsoft
Windows Mobile 6 Professional TI OMAP 850 (200MHz) Dimensions 113 x 58 x 15.4 mm, 125g
Battery 1300 mAh Lithium-Ion Talk time 4-5 hour Standby time...

[Page 6: Disassembly / Assembly Procedure](#)

TSD ■ Service Manual 3 Disassembly / Assembly Procedure 3.1 Introduction This section describes how to disassemble PDA P527. Many of the integrated devices used in this phone are vulnerable to damage. Ensure adequate static protection is in place when handling, shipping, and servicing any internal components.

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TSD ■ Service Manual 3.1.2 Disassembly Procedure The following set of diagrams will demonstrate the correct sequence and action to disassemble P527. Step 1 Take the stylus away from the PDA. Step 2 Remove the battery case and take the battery away. Step 3 Take off the antenna cover by plastic blade.

[Page 8](#) TSD ■ Service Manual Step 4 Unscrew and remove 4 screws on PDA by screw driver. Step 5 Please switch the "Hold" key as the arrowhead shows. Then separate the middle cover from front cover by plastic blade. V1.0...

[Page 9](#) TSD ■ Service Manual Step 6 Remove the speaker by a pair of tweezers. Step 7 Remove the vibrator by a pair of tweezers. V1.0...

[Page 10](#) TSD ■ Service Manual Step 8 Release the antenna FPC by a pair of tweezers. Then tear off the antenna FPC from middle cover by hand. Step 9 Open the LCM connector by plastic blade and release the LCM FPC by a pair of tweezers. Step 10 Separate the main board from front cover.

[Page 11](#) TSD ■ Service Manual Step11 Open the camera connector by plastic blade and remove it from main board by hand. Step12 Open the touchpad FPC connector and release the FPC by a pair of tweezers. V1.0...

[Page 12](#) TSD ■ Service Manual Step13 Take the touchpad FPC away. Pay attention to the hooks. The FPC should be released from them first. Step14 Take off the MIC rubber and joy stick key by a pair of tweezers. V1.0...

[Page 13](#) TSD ■ Service Manual Step15 Take off the keypad by hand. Step16 Remove the two top bezel rubbers by a pair of tweezers and then take the LCD module away. V1.0...

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TSD ■ Service Manual 3.1.3 Assembly Procedure It is carried out in the exact reverse sequence as the disassembly. Step 1 Install the receiver on the front cover by a pair of tweezers. Step 2 Install the LCM on the front cover and place two top bezel rubbers to fix the LCM. V1.0...

[Page 16](#) TSD ■ Service Manual Step 3 Install the keypad and arrange the keypad properly in the front cover. Step 4 Install the joystick key and MIC rubber by a pair of tweezers. Step 5 Install the keypad FPC on main board and press gently to arrange it into the hooks. V1.0...

[Page 17](#) TSD ■ Service Manual Step 6 Connect the keypad FPC with main board by a pair of tweezers and close the connector by plastic blade. Step 7 Install the camera by hand and close its connector by plastic blade. Step 8 Install the main board on front cover and press gently to fix it into the hook.

[Page 18](#) TSD ■ Service Manual Step 9 Connect the LCM FPC by a pair of tweezers and close its connector by plastic blade. Step 10 Install the antenna FPC on middle cover and then arrange it by plastic blade. V1.0...

[Page 19](#) TSD ■ Service Manual Step 11 Install the vibrator by a pair of tweezers. Step 12 Then install the speaker by a pair of tweezers. Step 13 Install the middle cover and press four sides to lock it into the hooks. Pay attention to the "Hold"...

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TSD ■ Service Manual 4 MMI Testing 1. Download & Copy files to micro SD card. 2. Insert micro SD card. V1.0...

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[Page 25: Audio Test](#)

TSD ■ Service Manual 3-2. Audio Test In this test, item 1 & 2 need to be done with the headphone, otherwise, just bypass. V1.0...

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