



Trouble Shooting Guide, Electrical

Applicable for K700i/K700c

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1 Abstract

The purpose of this document is to provide a sequence of repair actions associated with different failure modes. The repair actions are listed in order of their probability of creating a successful repair. The first action has the highest probability, and subsequent actions have lower probabilities. The intention is for the repair technician to implement the first repair action and then retest the phone. If the phone continues to fail the same test, then the technician should continue to the second repair action. If the phone continues to fail the same test after all of the repair actions are exhausted, then the phone will be considered not reparable at this level.

This document should be used only after the steps specified in the Mechanical Trouble Shooting Guide have been exhausted for the given problem area.

Electrical components from the spare part list not mentioned in this guide requires SERP calibration after replacement and will be added in the guide when SERP for K700i/K700c is released.

2 Repair Actions for Manuel Test Failures

Test	Repair Action
Backup battery	1) C2606
Camera	1) X2510
Capacity	1) V2610 2) N1400 3) N2600
Charging	1) V2610 2) V2210 3) N2400 4) N2600
Display	1) X2500
Earphone	1) N2400 2) N2300 3) D1201 4) N2310
Camera Light	1) N2400 2) V2210
Flash LED	1) N2510 2) J2404



IR communication	1) H2410
Illumination, Keyboard	1) R2550, R2551, R2552 2) V2550
Illumination, Display	1) N2500 2) X2500
Keyboard, Joystick & side keys	1) Z2450 2) S2420 3) J2402 4) J2404, J2406
Red LED	1) D2500
Microphone	1) N2400 2) N2300 3) D1201
On/Off	1) S2410 2) X2600 3) N2600 4) N1400 5) Z2450 6) B2200
Real Time Clock	1) B2200
FM-Radio	1) V4140, V4141 2) N4100
SIM	1) J2401 2) N2600
Network	1) X1100 2) X1101

3 Revision History

Rev.	Date	Changes / Comments
A	2004-05-27	Initial Release