



<u>Level 3 Debug Guide</u> by Toko (toko@gsm-free.org)

Summary:

No power up	pag. 2, 3, 4, 5 y 6
Display	pag. 7, 8 y 9
Display Led	pag. 10, 11, 12 y 13
Ringe	pag. 14 y 15
Vibrator	pag. 16 y 17
Speaker	pag. 18 y 19
Microphone	pag. 20 y 21
Audio Headset	pag. 22, 23 y 24
SIM Card reader	pag. 25 y 26
Charging	pag. 27,28,29, 30 y 31
Current drain in standby	pag 32 y 33

Power off itself and slow charging display indication_pag. 34

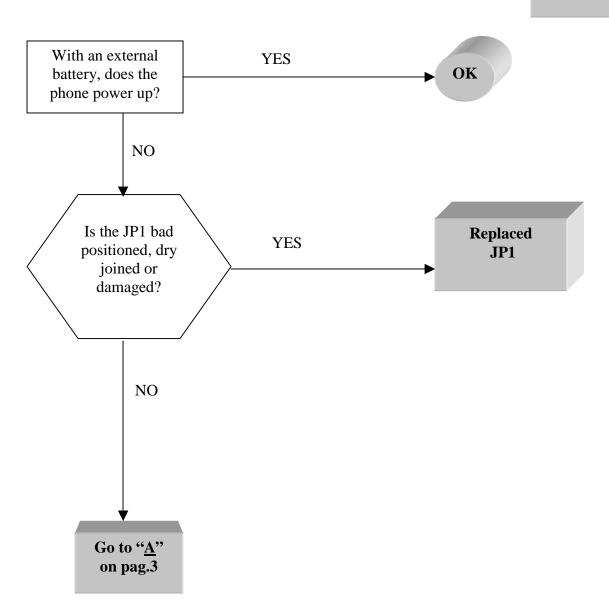
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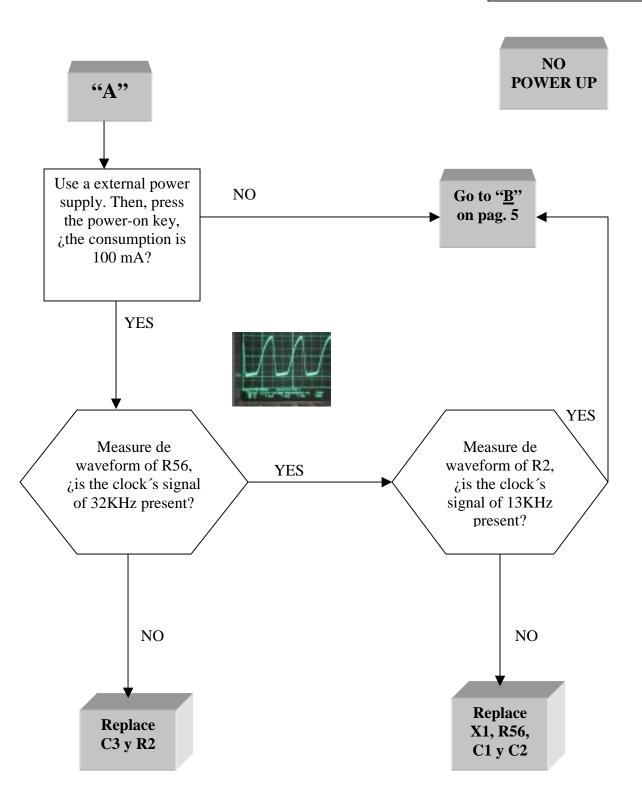


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NO POWER UP

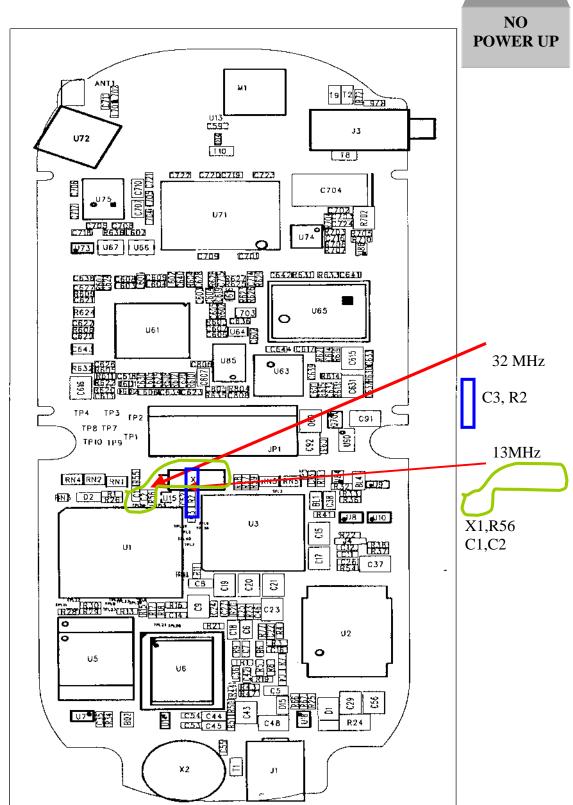








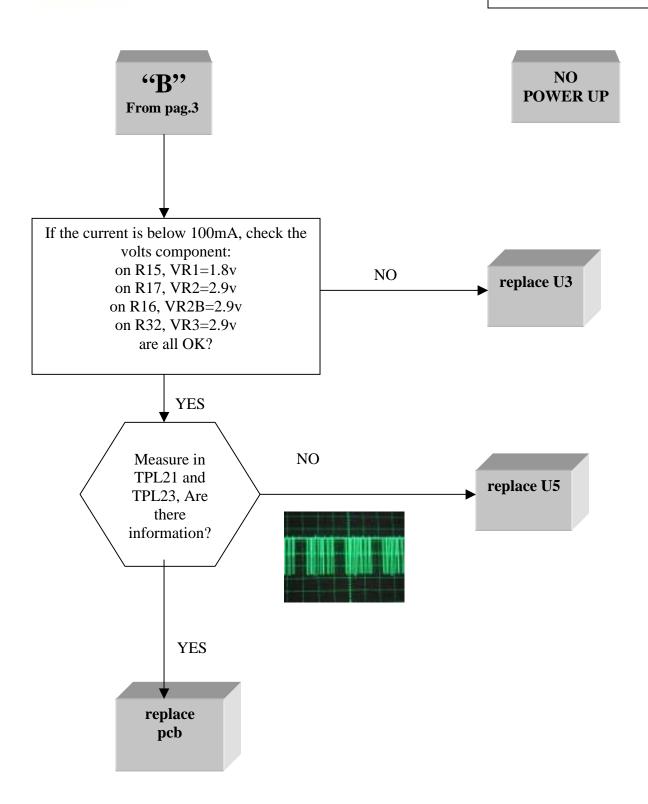
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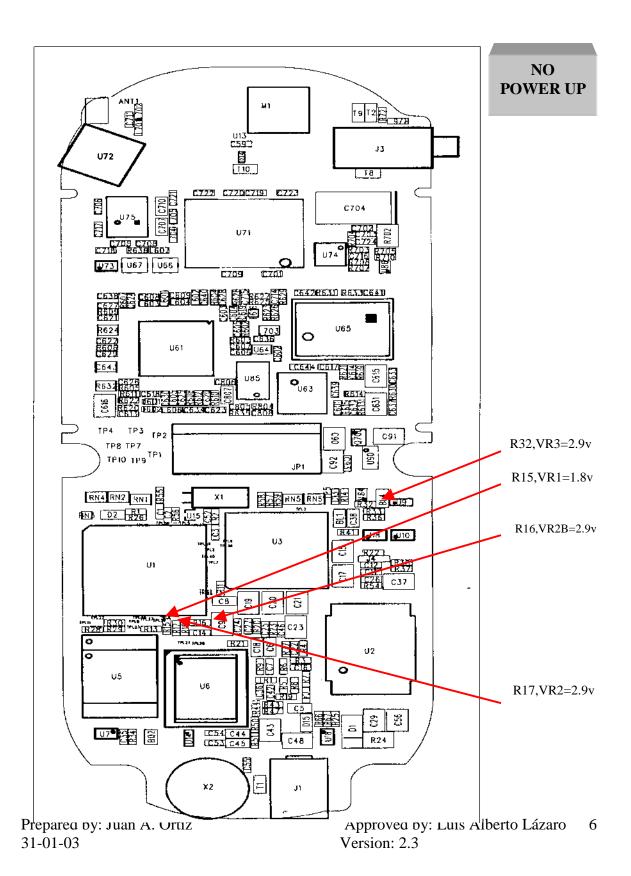
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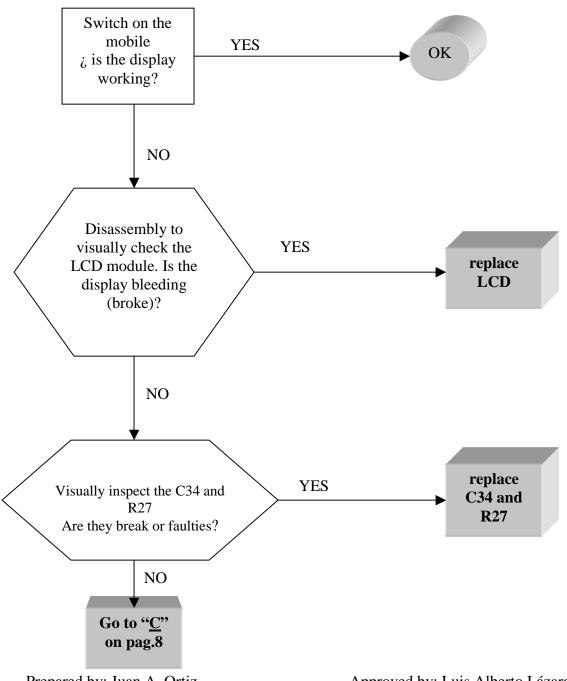








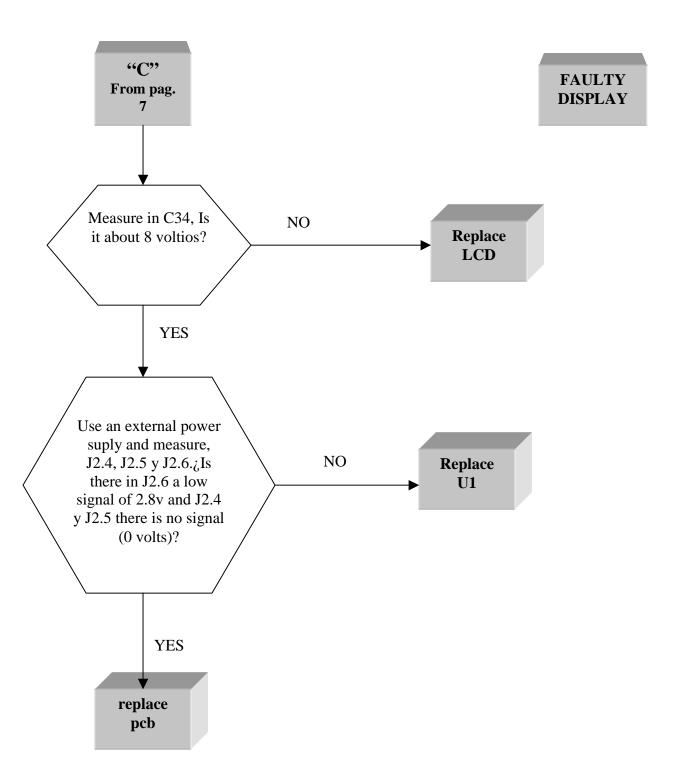
FAULTY DISPLAY



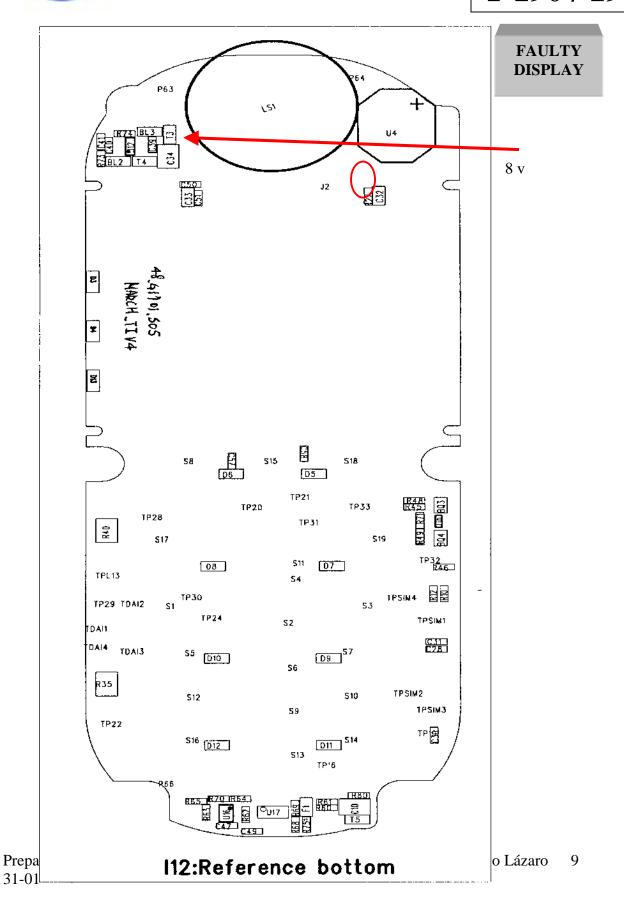
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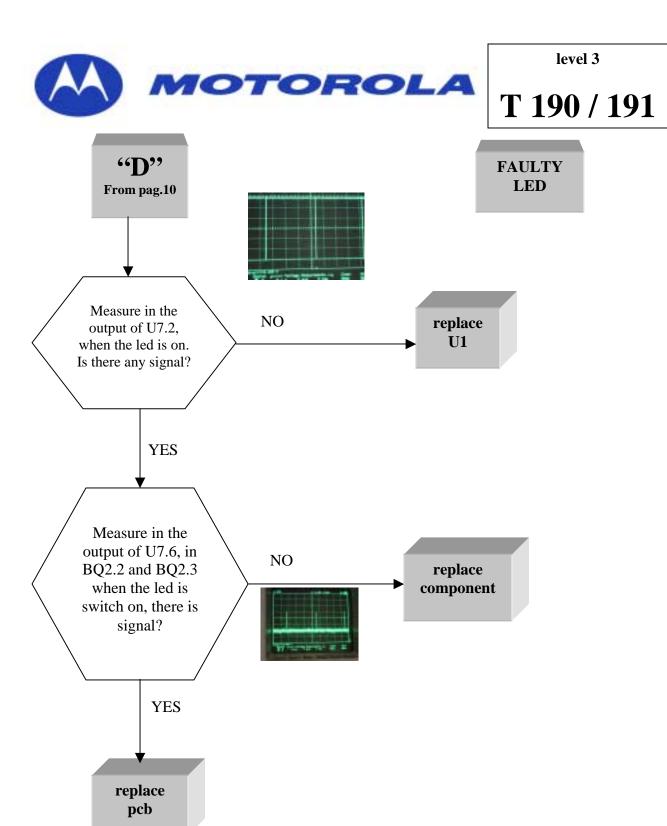






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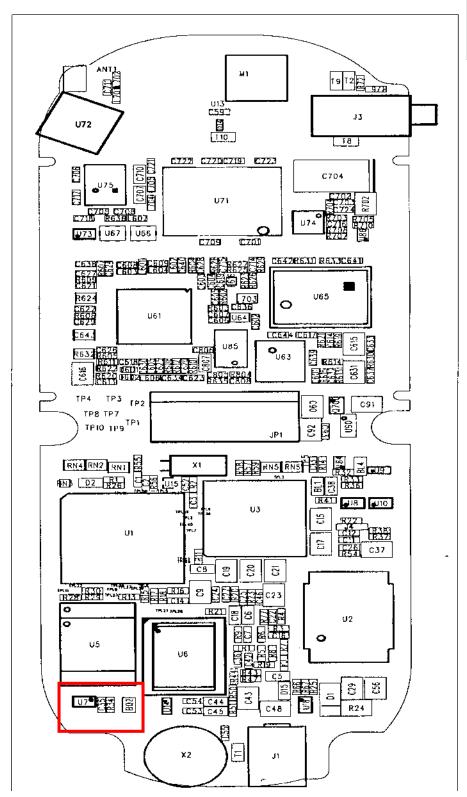
FAULTY DISPLAY LED YES Switch on the unit. ¿The display leds are OK working?. NO Disassembly and measure in the NO replace leds, is there leds 1.9v.; are all ok? YES Visually inspect the U7, R34, BQ2, R40 and R35, something YES replace are break or shifted? component NO Go to "D" on pag.11







FAULTY DISPLAY LED



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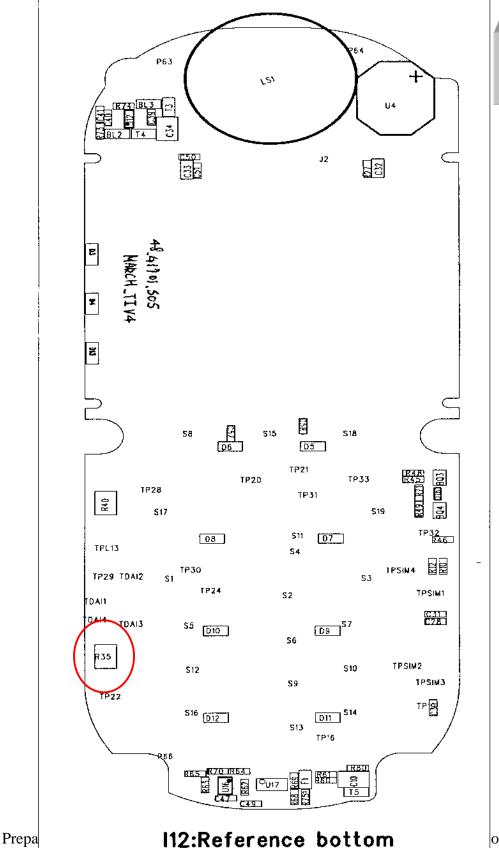


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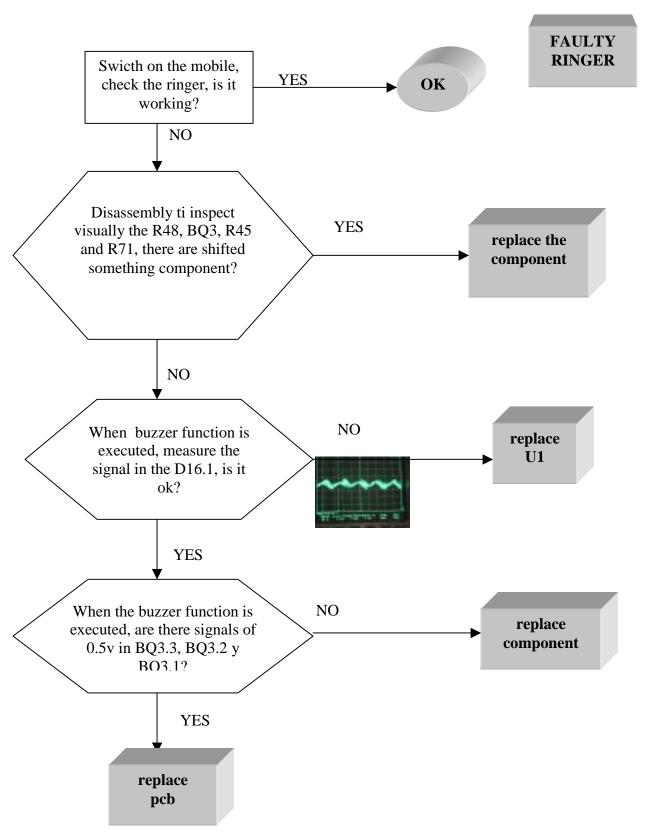


FAULTY DISPLAY LED

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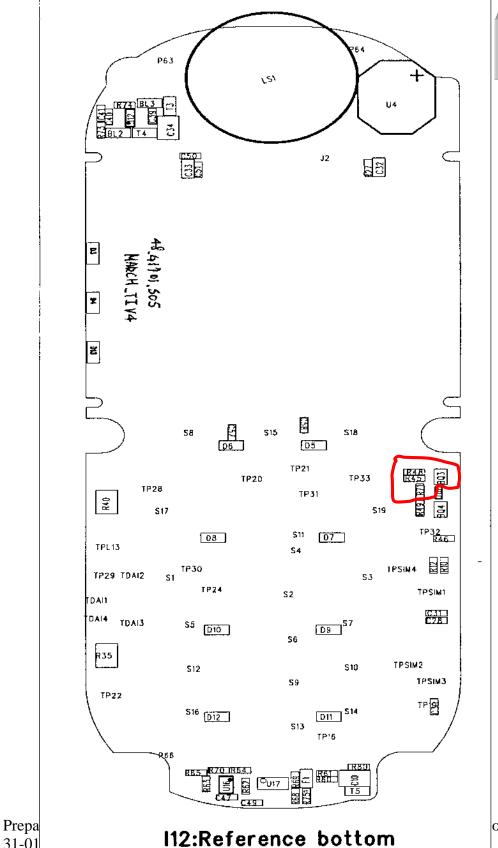
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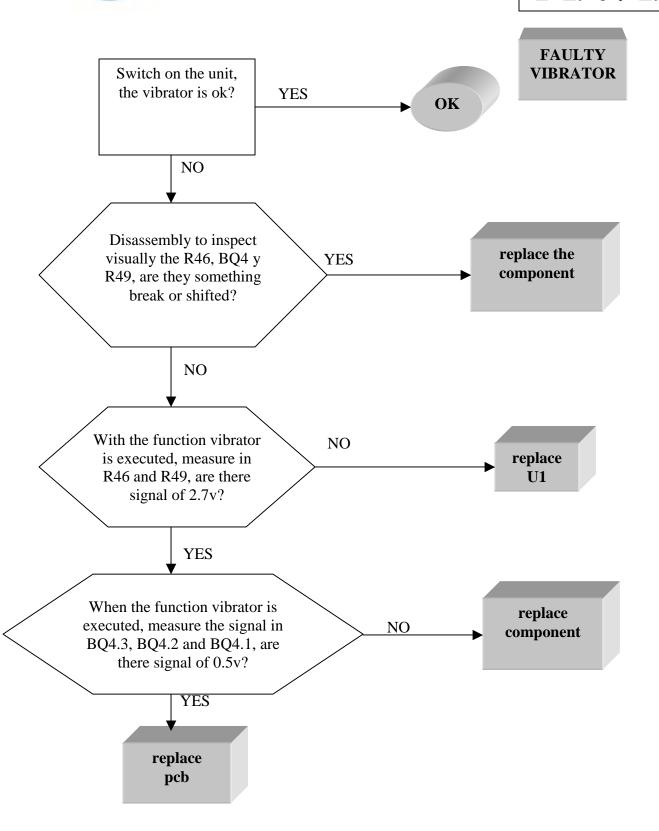
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FAULTY RINGER

o Lázaro 15



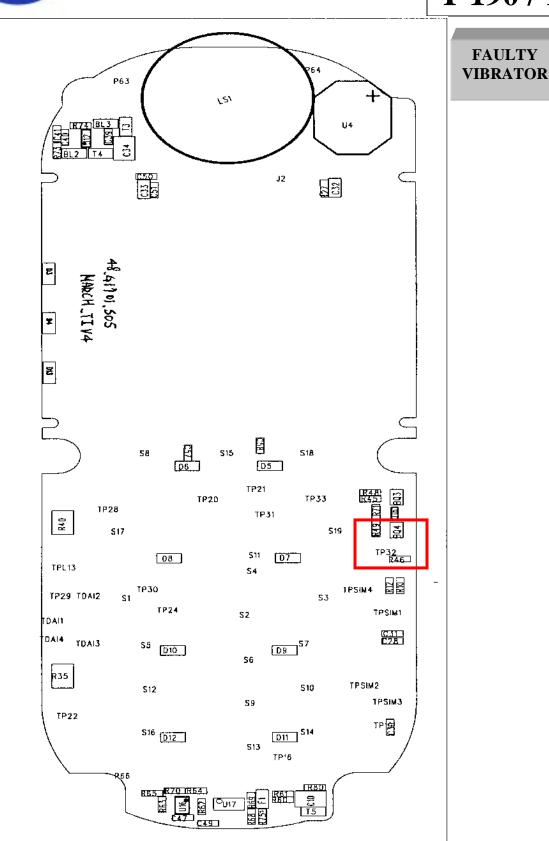




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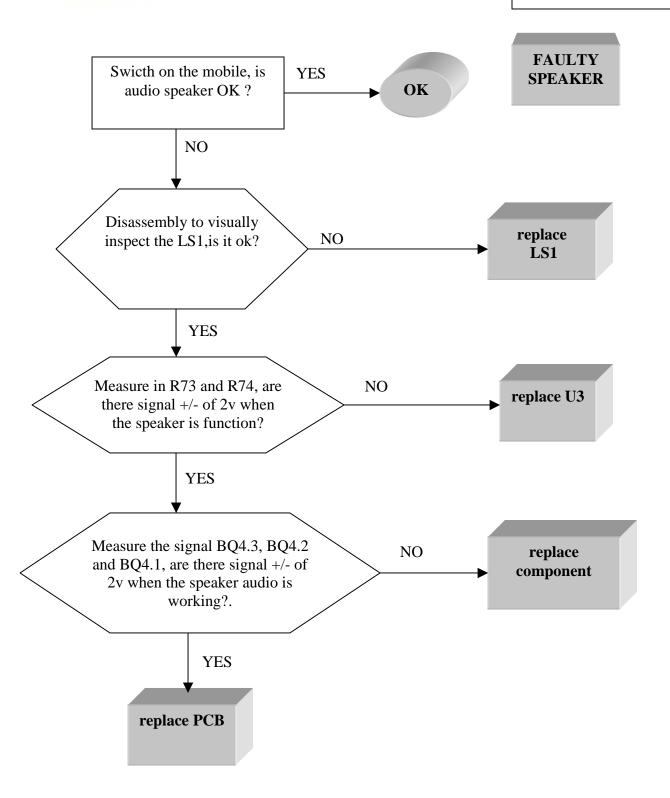
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I12:Reference bottom



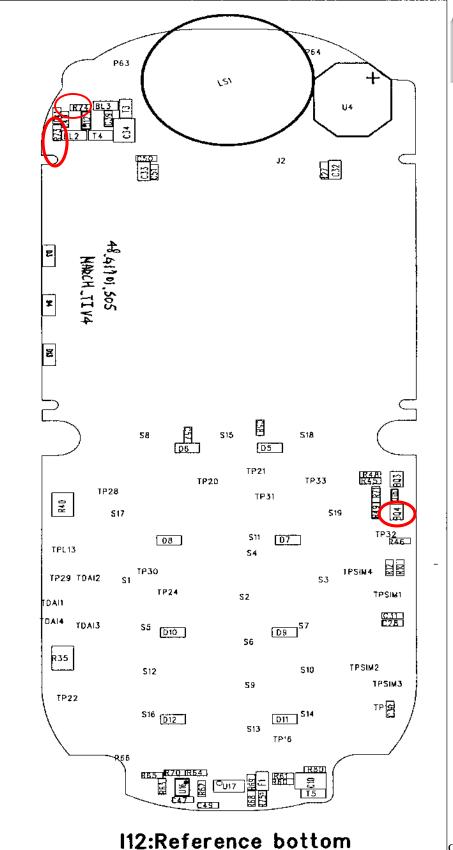




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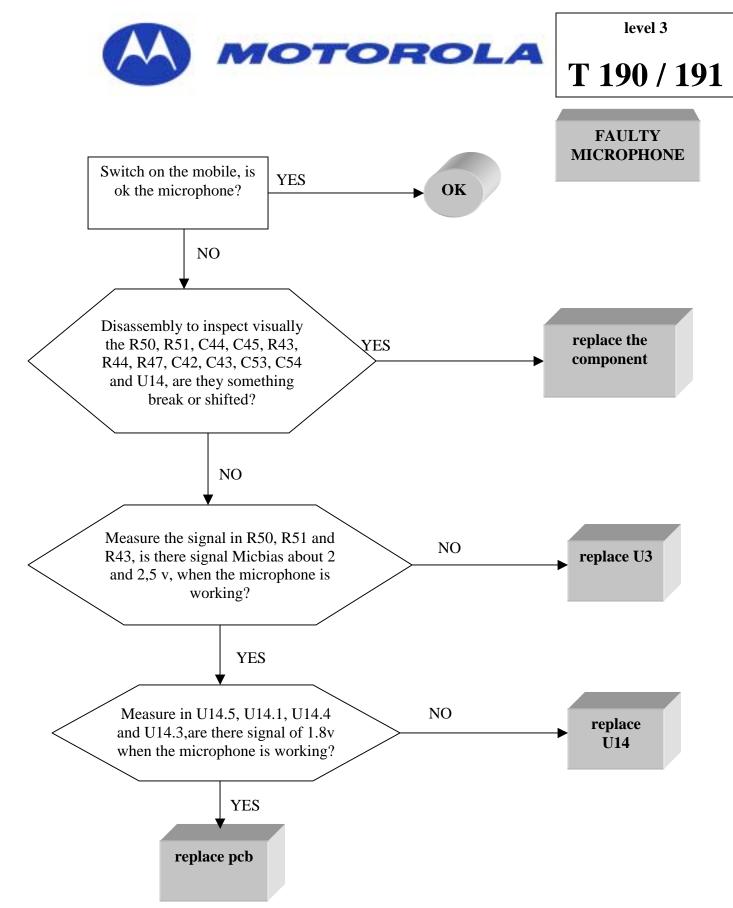
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SPEAKER FAULTY

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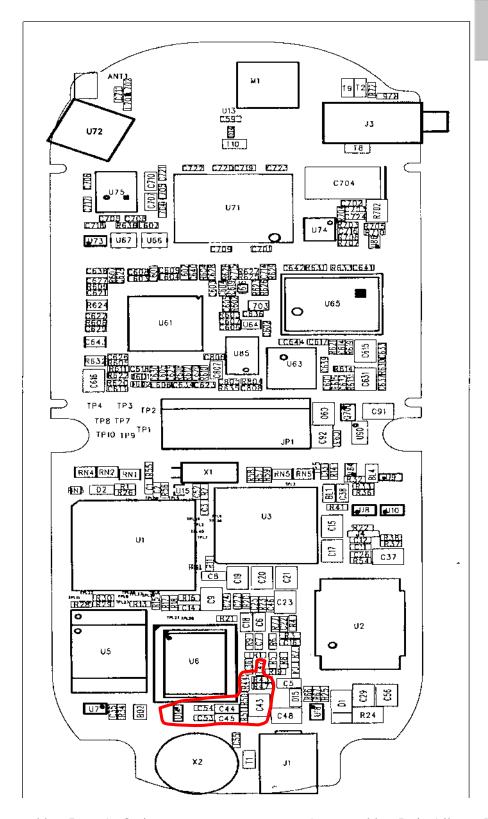
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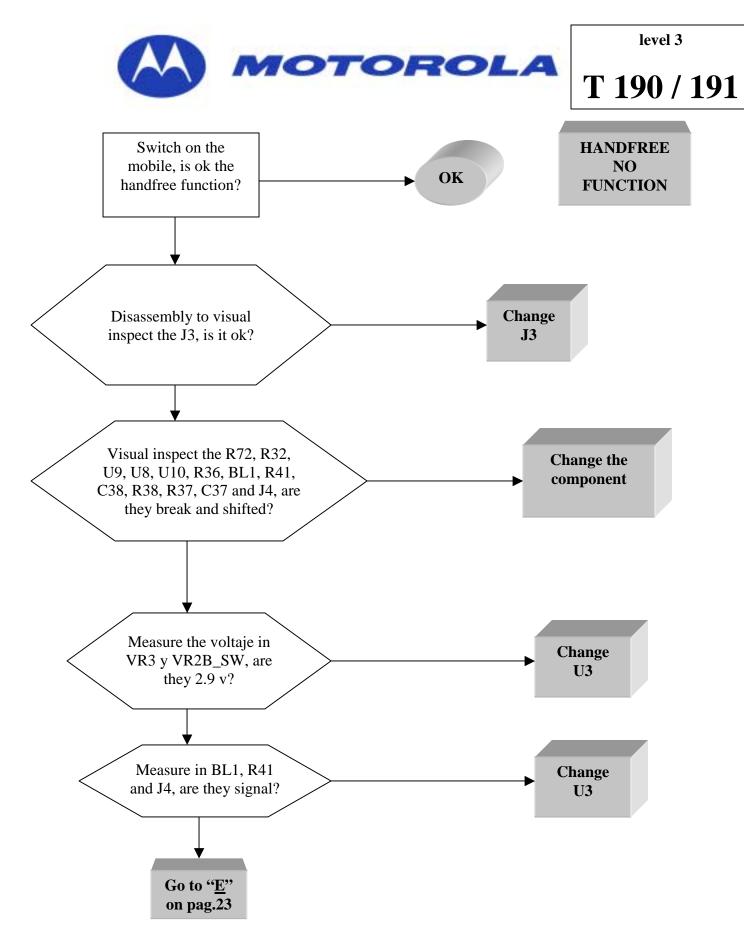


FAULTY MICROPHONE



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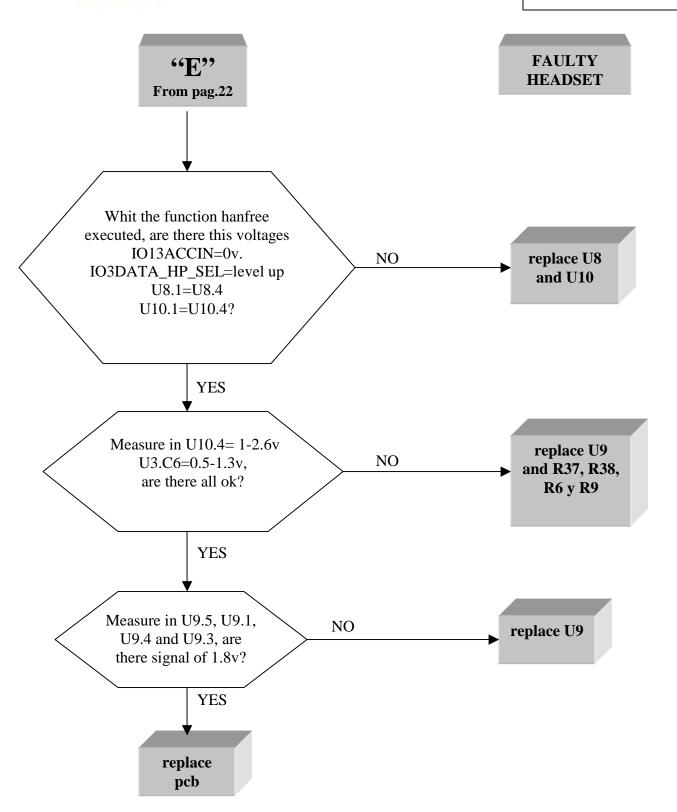
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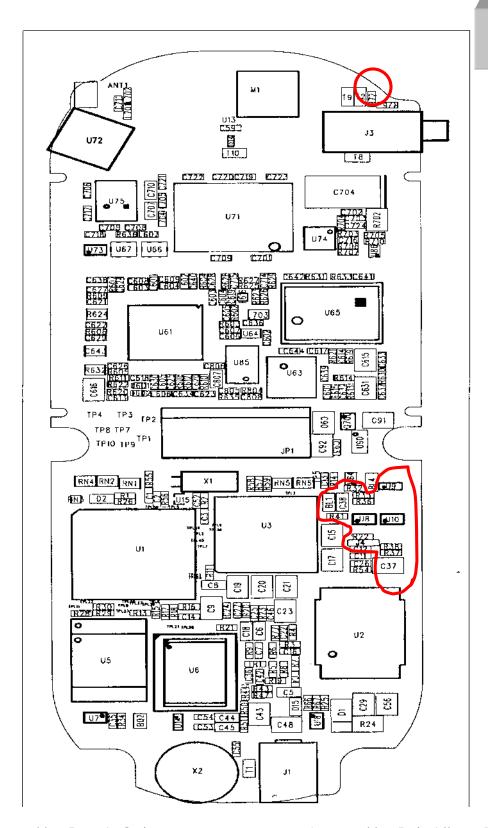








FAULTY HEADSET



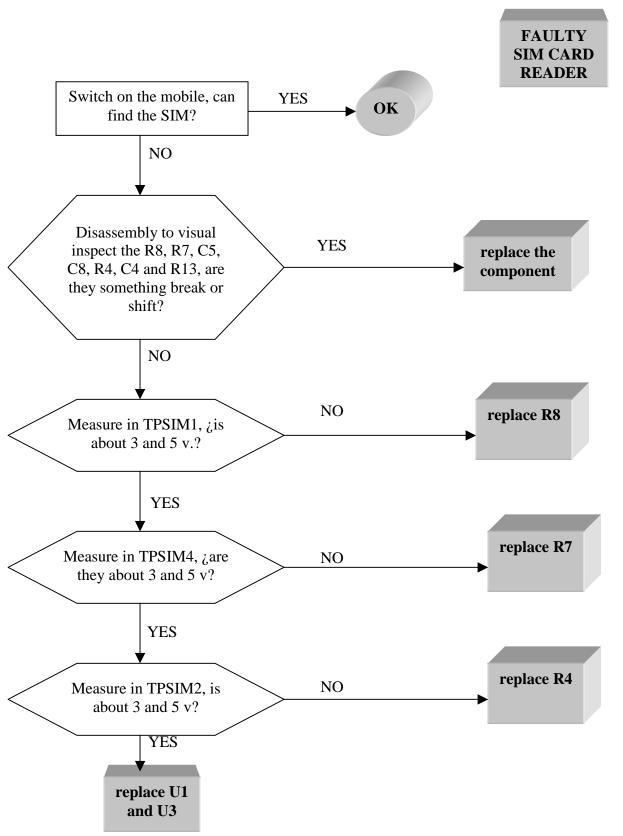
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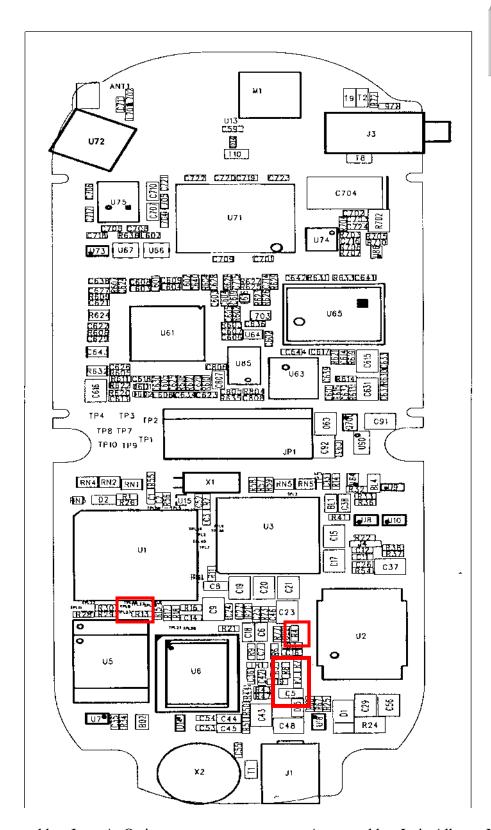
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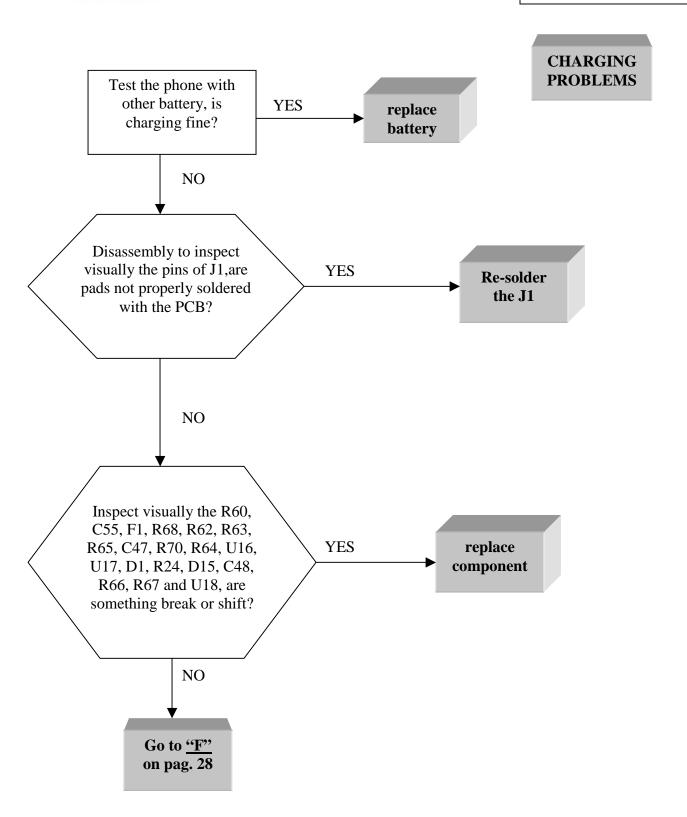
FAULTY SIM CARD READER



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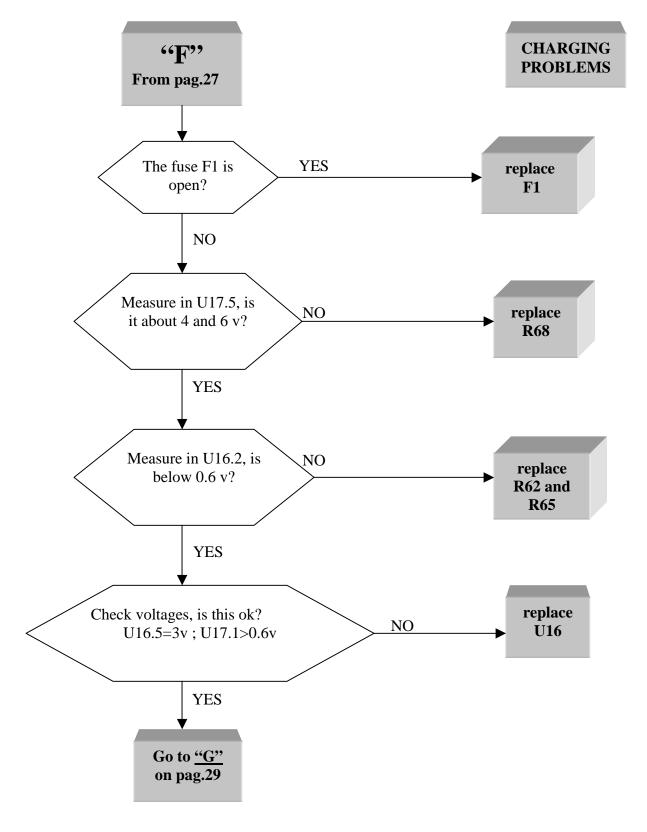
Version: 2.3







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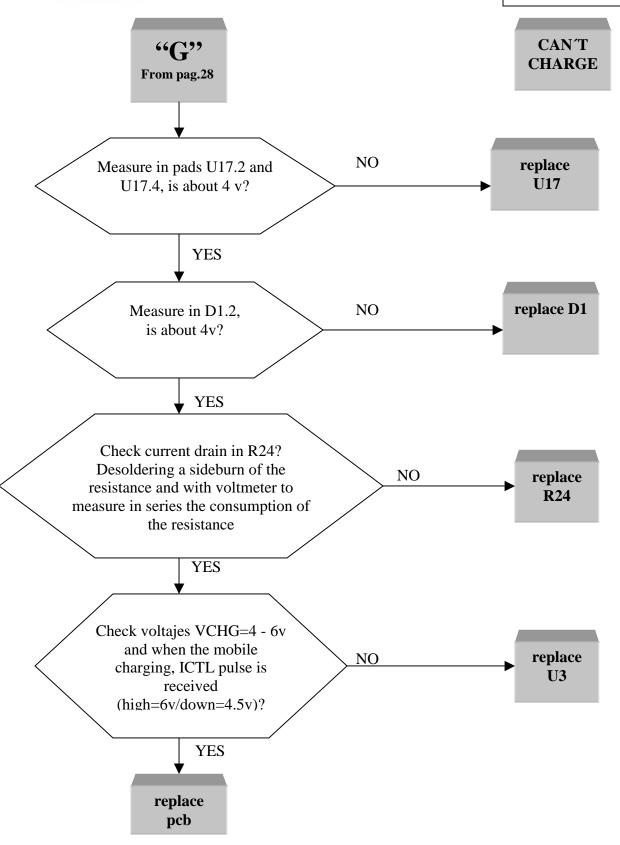


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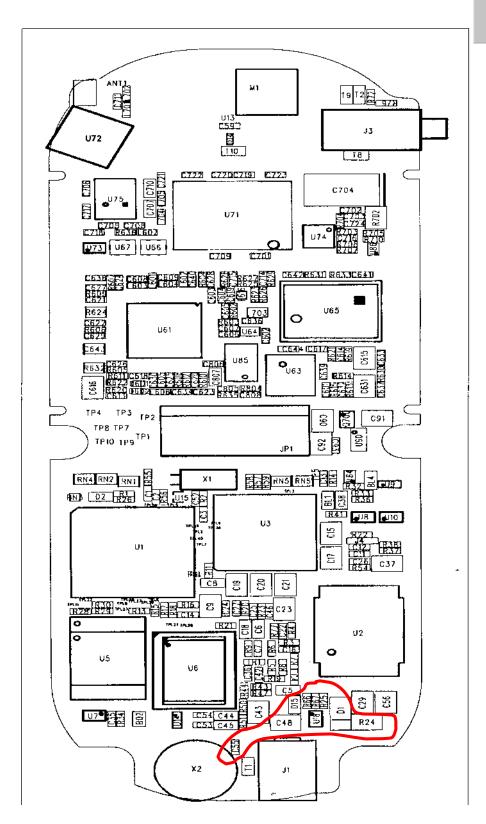
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CHARGING PROBLEMS



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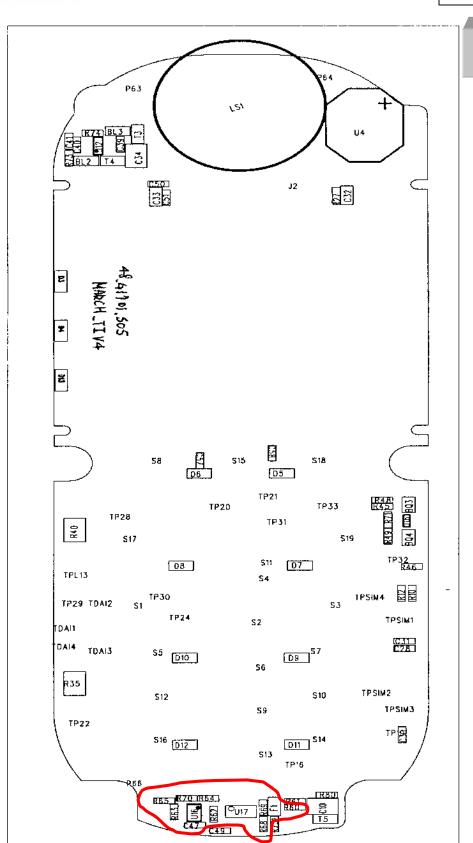
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I12:Reference bottom

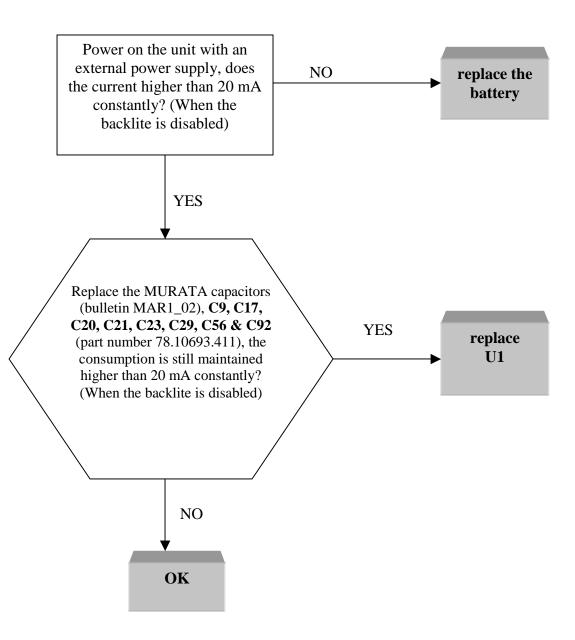
CHARGING PROBLEMS

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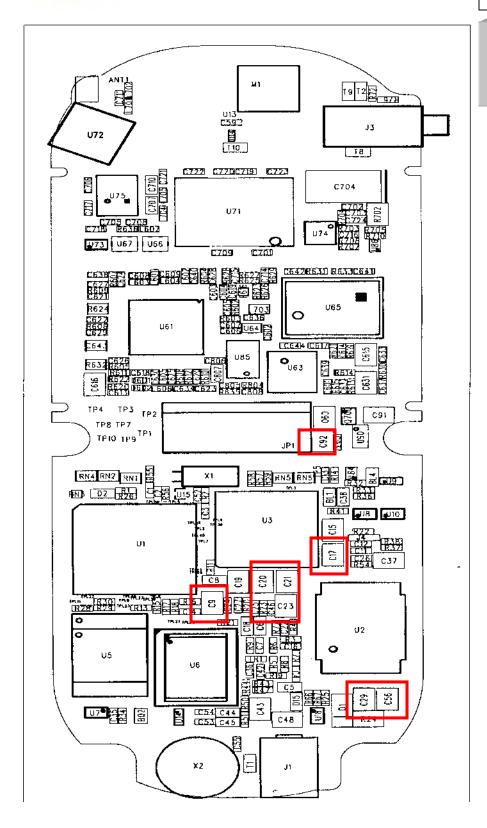
HIGH CONSUMPTION IN STAND BY





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HIGH CONSUMPTION IN STAND BY



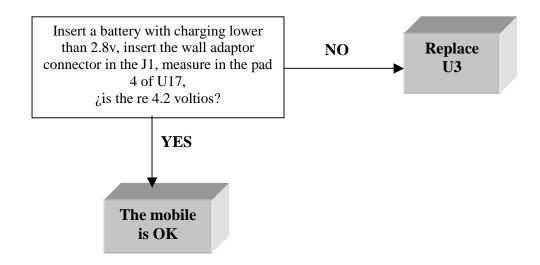
Prepared by: Juan A. Ortiz 31-01-03

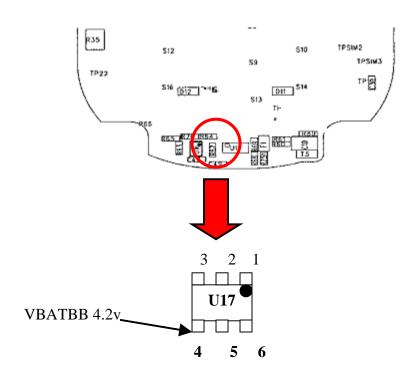
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Power off itself and slow charging display indication





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