

Service Schematics

Introduction

NOKIA 3230 RM-51

Exploded view and component disposal

IMPORTANT!

This document is intended for use by authorized NOKIA service centers only.

"Service Schematics" was created with focus on customer care.

The purpose of this document is to provide further technical repair information for NOKIA mobile phones on Level 3/4 service activities.

It contains additional information such as e.g. "Component finder",

"Frequency band table" or "Antenna switch table".

The "Signal overview" page gives a good and fast overview about the most important signals and voltages on board.

Having precise time and improving the repair quality is the aim of this document.

It is to be used additionally to the service manual and other training or service information such as Service Bulletin.

All measurements were made using following equipment:

Nokia repair T4T	Phoenix version 2004.46 & 73
Oscilloscope	Floke PM 3106A/B
Spectrum Analyzer	Advantest R3132 with an analog probe
RF generator / GSM Tester	Rhode & Schwarz CMU 200
Multimeter	Floke 73 Series II

While every endeavour has been made to ensure the accuracy of this document, some errors may exist. If the reader finds any errors, NOKIA should be notified in writing.

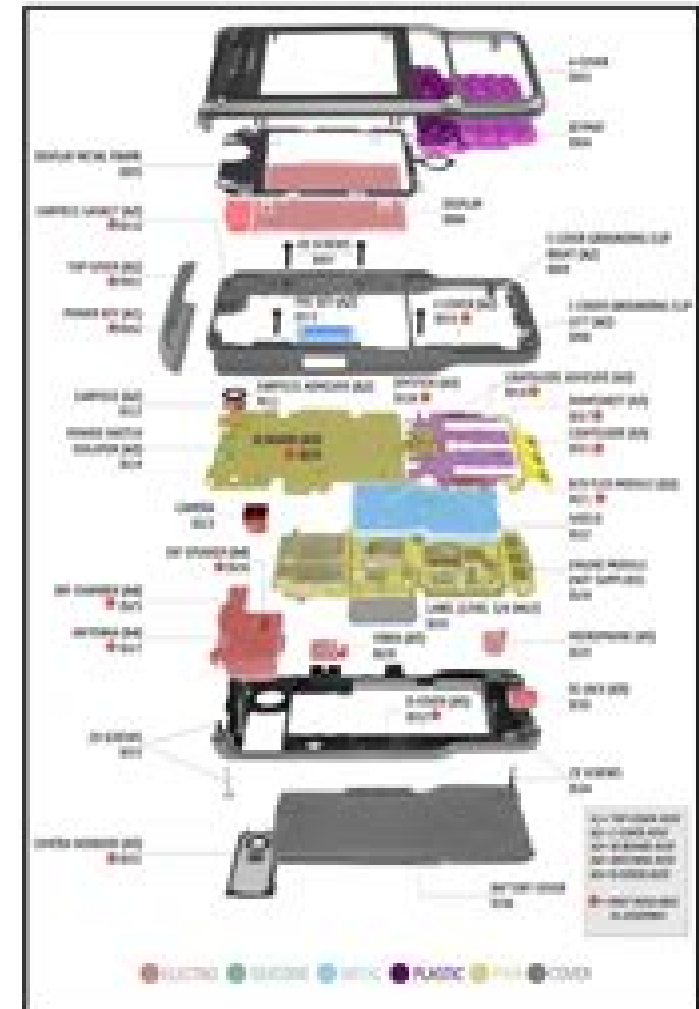
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Table of Contents	Page
Frontpage	1
3230 component list/board	2
System connection, Audio, USB	3
SWAP, Flash modules, SW/HW model, Force	4
SWAP Flash, SWAP, SWAP, SWAP	5
Bluetooth	6
FM radio	7
USB interface	8
RF board	9
RF part	10
Signal overview	11
Component Finder II	12
Component Finder Engine Module	13



3230 Nokia Repair Guide

Hossne Mamun



3230 Nokia Repair Guide:

Cell Phone Repair Guide for Beginners Hossne Mamun,2021-04-02 The Best Guide for Mobile cell phone Repair Yourself Guide To Troubleshooting and Repairing Cell phones I have prepared this cell phone repairing guide for you using my long experience This book is very important for beginners I will make more repairing guides after that First Follow these rules then start your works 1 The solutions with all the pictures in this book have been made by me from my own practical work experience 2 Another cell phone may match the same image If this PCB matches your PCB then you can use these solutions 3 If you are not familiar with circuit repair work you should refrain from this work and you will use this work at your own Risk 4 I will not take any responsibility for any loss while doing this Book Details Book Size 8 5 x 11 Book Pages 24 Solutions 18 with Images Color Print High Resolution Images All solutions are tested by me Mobile Phone Repairing Equipments Hot air gun Soldering Iron DC power supply Multimeter Avometer Tweezers Screwdriver PCB holder Cutting plus Nose plus Table lamp Safety gloves Thanks everyone will be fine A Comprehensive Mobile Phone Repair Guide - DIY for All Phone Types - Androids, iPhones, iPads, iPods, 1st Gen, 2nd Gen, Smartphones and Non-Smartphones (Old Models) Kateregga,2018-02-18 This is a Comprehensive Mobile Phone Repair Guide D I Y for types Whether you are looking forward to do maintenance and repairs for Androids iPhones iPads iPods 1st Gen 2nd Gen Smartphones Non Smartphones Old Models Blackberries China phones Tecno and others this is the guide you should be with **Mobile Phone Repair Made Easy** Big Felix,2025-01-11 Master the Art of Mobile Phone Repair with Ease Are you eager to learn how to troubleshoot and fix mobile phones like a pro Mobile Phone Repair Made Easy is the ultimate beginner s guide to understanding diagnosing and repairing mobile devices with confidence Whether you re a curious enthusiast an aspiring technician or someone looking to start a lucrative repair business this book is your comprehensive roadmap to success Written by Big Felix an experienced and passionate mobile phone repair technician this book provides Step by Step Instructions Learn how to safely dismantle diagnose and reassemble mobile phones Common Fault Solutions Discover practical fixes for issues like battery drainage charging problems and software glitches Advanced Techniques Explore professional methods like logic board diagnosis microsoldering and JTAG for complex repairs Tools and Safety Tips Master the use of essential tools and follow critical safety precautions Water Damage Recovery Learn proven methods to save phones affected by water or liquid exposure With clear explanations detailed diagrams and actionable insights Mobile Phone Repair Made Easy is designed to empower beginners and refine the skills of professionals Take the first step toward becoming a skilled mobile phone repair technician and unlocking the opportunities of this thriving industry Purchase your copy today and transform your passion for technology into a rewarding career *Mobile Phones and Tablets Repairs* Chukky Oparandu,2016-05-09 Mobile Phones and Tablets Repairs is a 364 page complete manual that answers all the basic and professional level questions for entrants into mobile computing devices technical support segment The book takes the reader one step at a time combining a strong theoretical knowledge base

about mobile devices how they function description of their internal components their internal electronics with tutorial on basic foundation electronics for repairs and merged it with descriptive easily practicable tutorials on both hardware and software related repair procedures for mobile phones and tablets Information about cell phone hardware and software repair tools is covered with product listings and guides for success If there is any complete guide book on computer repairs ever known then this book is the complete guide book for mobile phones and tablets repairs If you are seeking for a way by which you could exchange personal services for money then this book is for you It is a complete Do It Yourself Guide book In book stores all over the world there are hardly complete repair guides for mobile telephones and tablets repairs although you may find many for PCs This book is for the young people students or anyone seeking for a good resource for practical learning towards self reliance In this century the age of mobile communication and computing it is one of the hottest tech repair service segment Through the pages of this book a reader would train to become a great mobile phone technician with a brighter and faster earning potential than most PC technicians What this book teaches is practicable towards becoming also a good PC technician The tutorials cover Microelectronic device dis assembly and re assembly troubleshooting BGA soldering detailed electronics fundamentals flash programming and many more The book ends with a chapter of information on how to set up shop and efficiently manage a mobile repair services support center Discover the secrets of mobile phone repair with this book Telephone Repair Illustrated Stephen J. Bigelow,1993-04-01

Today most people own their own phones rather than renting them from the phone company Many people own inexpensive electronic telephones that are notorious for being unreliable By being able to fix your own telephone you can avoid the monthly line maintenance and repair insurance that the local telephone companies try to sell all their customers This means you can save much more than the cost of the book by being able to avoid these charges This guide will take you through beginnning and intermediate levels of telephone repair including how to work on answering machines cellular cordless electronic and classic telephones It also guides you in using test equipment multimeters logic probes oscilloscopes and specialized equipment **Laptop and Mobile Phone Repair for Beginners** V T Harikumar,2024-07-03 Laptop and Mobile Phone Repair for Beginners A Step by Step Guide is the perfect companion for anyone interested in learning the basics of repairing and maintaining their own electronic devices This comprehensive book takes readers on a journey through the inner workings of laptops and mobile phones providing them with the knowledge and skills needed to troubleshoot and fix common issues The book is designed with beginners in mind offering easy to follow instructions and clear illustrations that make the complex world of technology accessible to everyone It covers a range of topics including identifying hardware components understanding software functions and performing basic repairs and maintenance tasks Readers will learn how to diagnose and solve common problems such as battery issues screen repairs software glitches and connectivity problems The book also provides insights into upgrading hardware components improving device performance and enhancing security measures One of the key features of this guide is its step

by step approach ensuring that even the most novice of users can confidently navigate through the repair process It includes practical tips tricks and shortcuts as well as troubleshooting advice for when things don t go according to plan Laptop and Mobile Phone Repair for Beginners is not just a repair manual but also a valuable resource for anyone looking to extend the lifespan of their devices and save money on costly repairs By empowering readers with the knowledge to take maintenance into their own hands the book promotes a more sustainable and cost effective relationship with technology Whether you re a student a professional or simply someone who wants to gain a better understanding of their devices this book provides a solid foundation in laptop and mobile phone repair It encourages a DIY approach fostering a sense of independence and empowering readers to take control of their technological world So whether your laptop is running slowly your mobile phone screen is cracked or you re simply curious about what makes your devices tick Laptop and Mobile Phone Repair for Beginners is the ideal guide to help you become your own tech support

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Table of Contents 3230 Nokia Repair Guide

1. Understanding the eBook 3230 Nokia Repair Guide
 - The Rise of Digital Reading 3230 Nokia Repair Guide
 - Advantages of eBooks Over Traditional Books
2. Identifying 3230 Nokia Repair Guide
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an 3230 Nokia Repair Guide
 - User-Friendly Interface
4. Exploring eBook Recommendations from 3230 Nokia Repair Guide
 - Personalized Recommendations

- 3230 Nokia Repair Guide User Reviews and Ratings
- 3230 Nokia Repair Guide and Bestseller Lists
- 5. Accessing 3230 Nokia Repair Guide Free and Paid eBooks
 - 3230 Nokia Repair Guide Public Domain eBooks
 - 3230 Nokia Repair Guide eBook Subscription Services
 - 3230 Nokia Repair Guide Budget-Friendly Options
- 6. Navigating 3230 Nokia Repair Guide eBook Formats
 - ePub, PDF, MOBI, and More
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- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of 3230 Nokia Repair Guide
 - Highlighting and Note-Taking 3230 Nokia Repair Guide
 - Interactive Elements 3230 Nokia Repair Guide
- 8. Staying Engaged with 3230 Nokia Repair Guide
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers 3230 Nokia Repair Guide
- 9. Balancing eBooks and Physical Books 3230 Nokia Repair Guide
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection 3230 Nokia Repair Guide
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine 3230 Nokia Repair Guide
 - Setting Reading Goals 3230 Nokia Repair Guide
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of 3230 Nokia Repair Guide
 - Fact-Checking eBook Content of 3230 Nokia Repair Guide

- Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
- 14. Embracing eBook Trends
 - Integration of Multimedia Elements
 - Interactive and Gamified eBooks

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