

SMTC INSTITUTE OF TECHNOLOGY DHANBAD

(AN ISO 9001 – 2018 Certified Institute)

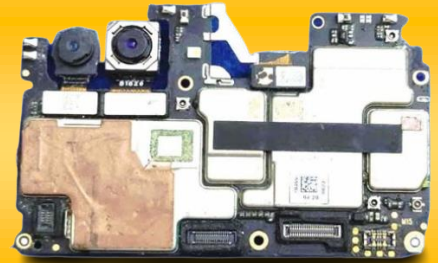
TELEPHONE EXCHANGE ROAD, PURANA BAZAR, DHANBAD, 826001

MOBILE NO: - 7561934739, 6203365278

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MOBILE REPAIRING COURSE

SYLLABUS



1. ASSEMBLE DISASSEMBLE
2. CARD LEVEL PARTS का पहचान
3. PCB INTRODUCTION WITH DIAGRAM
4. IDENTIFICATION AND FUNCTION OF IC IN THE MOTHERBOARD

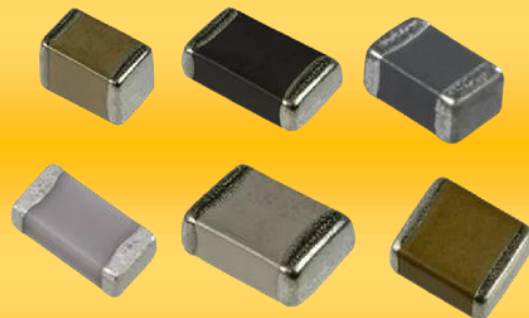
SMALL COMPONENTS का पहचान

5. NETWORK CRYSTAL
6. RESISTOR (SMD)
7. DIODE
8. TRANSISTOR
9. CAPACITOR
- 10.COIL



COMPONENT SYMBOL

- 11.NETWORK CRYSTAL
- 12.RESISTOR (SMD)
- 13.DIODE
- 14.TRANSISTOR
- 15.CAPACITOR
- 16.COIL



MULTIMETER CLASS

- 17.HOW TO USE MULTIMETER
18. MULTIMETER PROBE DETAILS
19. HOT TESTING (20V DC)
- 20.COOL TESTING (BEEP RANGE)



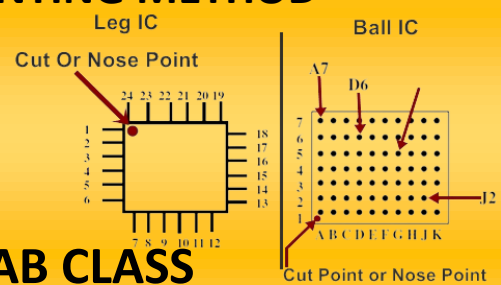
COMPONENT TESTING WITH MULTIMETER

- 21.RESISTOR (SMD)
- 22.DIODE
- 23.TRANSISTOR
- 24.CAPACITOR
- 25.COIL
- 26.RINGER
- 27.SPEAKER
- 28. MIC
- 29.LED
- 30.VIBRATOR MOTOR



IC PIN AND POINT COUNTING METHOD

- 31.LEG TYPE IC
- 32.BALL TYPE IC



PRACTICAL LAB CLASS

- 33.MICRO IRON & SOLDING IRON USE
- 34.PIN JUMPER
- 35.POINT JUMPER
- 36.COMPONENT JUMPER
- 37.LCD CONNECTOR JUMPER
- 38. OPERATION JUMPER



PRACTICAL LAB SMD MACHINE USE

- 39.CHARGING JACK OPEN AND FIX
- 40. SIM TRY OPEN AND FIX
- 41.MEMORY TRY OPEN AND FIX
- 42.BATTERY CONNECTOR OPEN AND FIX
- 43.NETWORK CRYSTAL OPEN AND FIX
- 44.DIODE OPEN AND FIX
- 45.COIL OPEN AND FIX
- 46.CAPACITOR OPEN AND FIX
- 47.ESISTOR OPEN AND FIX
- 48.LCD CONNECTOR OPEN AND FIX
- 49.SHIELD OPEN



DC SUPPLY MACHINE CLASS

50.DC SUPPLY MACHINE USE DETAILS

51.DC SUPPLY MACHIINE USE IN KEYPAD PHONE

52.DC SUPPLY MACHIINE USE IN ANDROID PHONE

53.SHORTING FINDING METHOD

54.DC SUPPLY AMPERE DETAILS

SECTION WISE FAULT FINDING

55.RINGER / LOUDSPEAKER SECTION

56.RECIEVER/EARPIECE/SPEAKER

57.MIC/MICROPHONE SECTION

58.CHARGING SECTION

59.SIM TRY SECTION

60.KEYPAD SECTION

61. HEADPHONE JACK SECTION

62.MEMORY SECTION

63.VIBRATOR SECTION

64.POWER BUTTON SECTION

65.CAMERA SECTION

66.DISPLAY LIGHT SECTION

67.DISPLAY GRAPHIC SECTION

68.TOUCH SECTION

69.4G CALLING SENSORE

70.NETWORK SECTION

71.DEAD SECTION



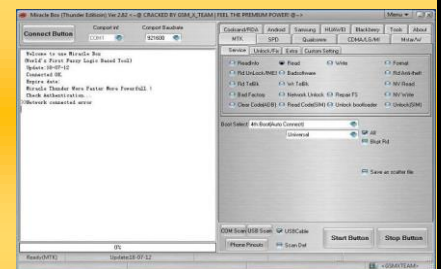
SOFTWARE CLASSES

72.DRIVER &SOFTWARE DOWNLOAD PROCESS

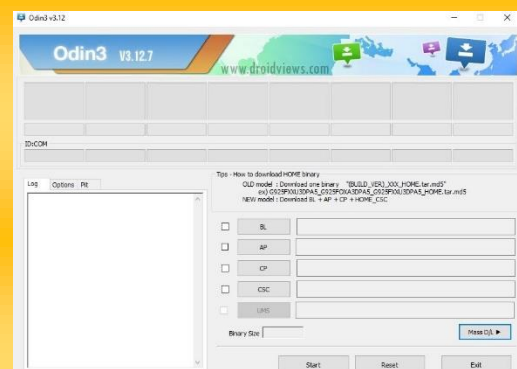
73.DRIVER &SOFTWARE INSTALLING PROCESS

74.UNLOCK TOOL & FLASH TOOL SETUP AND USES

75.UNLOCKING AND FLASHING TRAINING



FLASH TOOL ODIN 3.0, UMT DONGLE, MIRACLE THUNDER 2.82, UNLOCKTOOL



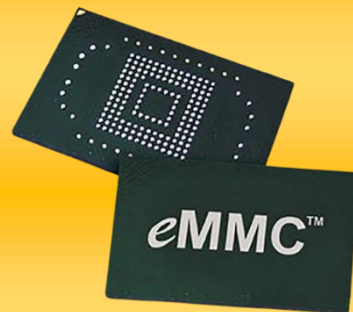
FOLDER/DISPLAY CUTTING

- 76.SEPARATOR MACHINE USE
- 77.TOUCH GLASS CUTTING
- 78.OCA REMOVE
- 79.FLAME CUTTING



IC REBALLING & FIX CLASS

- 80.SMD MACHINE USE FOR IC REBALLING
- 81.EMMC IC, CPU, POWER IC, AUDIO IC, WTR IC, 2G IC,3G &4G IC
- 82.IC REBALLING TOOLS DETAILS



OCA MACHINE CLASS

- 83.HOW TO USE PUNCHING MACHINE
- 84.HOW TO USE BUBLE REMOVER MACHINE



CALL FOR FREE DEMO CLASS

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