SIGMA

TABLET TRAINER

MODEL - TABLET100

This trainer has been designed with a view to provide practical and experimental knowledge of Tablet on a SINGLE PCB.

FEATURES

1. Measurement of test point voltages.
2. Observation of test point Waveforms.
3. A detailed manual containing different practical are provided with the board.

SPECIFICATIONS

1.	Power supply requirement	:	230V AC, 50 Hz for charging phone battery with adaptor
2.	Battery	:	Lithium ion battery / 5V~1A
3.	SIM Support	:	GSM 2G Dual-band 900/1800 MHZ Support
3.	Display	:	17.8cm (7″) Full Capacitive WVGA Display with resolution 800*480
4.	SIM Support	:	GSM 2G Dual-band 900/1800 MHZ Support
5.	Camera Resolution	:	2.0 Mega pixel rear camera
6.	Hardware Keys	:	Power Switch, Volume Controller, Reset
7.	Test Points	:	10 Nos.
8.	Faults	:	8 Nos.
9.	All parts are soldered on Tags on SINGLE PCB with complete circuit diagram SCREEN PRINTED.		
10.	**Books for Mobile Communication**	**:**	**10 Nos in pdf Format**
11.	**Mp4 Video Class for Mobile Communication**	**:**	**40 Classes in Mp4 on Pen Drive**
10.	Standard Accessories	:	1. A Training Manual.

EXPERIMENTS

1. To study and measure frequency band
2. To study and measure the GMSK signals such as Tx I/Q,RxI/Q.
3. To study and observe the system CLK.
4. Observation of Audio signal
5. To study and measure the power supply.
6, Study of charging phenomena with fault insertion.
7. Study and measure PWM signal of UI circuit such as Vibrator, LED, Buzzer.
8. Measurement of LCD with fault insertion.
9. Keypad study with fault insertion
10. Observe study with fault insertion.
11. Observe and measure the SIM card CLK with fault insertion.