

CHIP-OFF START KIT

A Complete Line of Chip-Readers Adapters, and Necessary Tools to Perform Chip-off for Forensics.

Chip-off Forensics is the process in which a BGA memory chip is removed from a device and prepared so that a chip reader can acquire the raw data to obtain a physical data dump. A chip reader, like the UP 828P Programmer or a SIREDA test socket, is required to perform the read and in the case of the UP 828P, a specific adapter will be required depending on the specific chip. Unlike JTAG, chip-off is a destructive process, and the device will no longer function. Many examiners start with a non-destructive technique like JTAG or ISP before submitting to a Chip-off.

Includes the following:

- UP828 Chip Reader and Collection of Adapters
 - Sireda and other SD Card Reading Sockets
 - Includes 5 eMMC and 4 eMCP
(Now with BGA 221 and 529 eMCP Test Sockets)
 - Complete JTAG and Chip-off Workbench Gear
 - T-862 Rework Station
- Part#: AP-CHPSTR4-TEEL

(Optional Addition) JBC Precision Soldering Iron
Part#: AP-CHPSTR4+JBC-TEEL -
(includes JBC Soldering CD-S with six tips)

Optional Adapter Subscription Plan
Customers receive six adapters of choice delivered as needed. Part#: AP-UPSUB

TeelTech UP&UP Chip Readers With TeelTech's Exclusive UP+UP Software

UP828P Programmer
Latest Up+Up Programmer - Faster Reads

TeelTech Recommended Adapters

FBGA137P Adapter - Supports variety of feature and burner phones.

FBGA137NP Adapter - Supports a variety of feature and burner phones.

VBGA162P Adapter - Supports some MOVINAND/iNAND/EMMC memory found on many smartphones and tablets.

BGA169P Adapter - Supports some MOVINAND/iNAND/eMMC memory found on the newer BlackBerry 9000 series, and many smartphones.

VBGA529P Adapter - Supports eMCP chip in newer Samsung devices

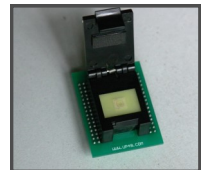
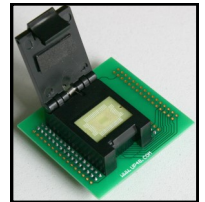
VBGA 221P Adapter - Supports latest eMCP chips - found in many of today's high-end phones.

SD Card Socket Adapters

eMMC / eMCP Test Sockets for Chip Reading

Economical and easy to use - Reads memory chips found in most smartphones today. Taught in the TeelTech Chip-off Class.

Please Note: Teel Technologies is the Only Authorized Distributer of the UP+UP Equipment in the United States and Canada. Equipment purchased from any other source is likely a knock-off, and/or not warrantied.



UP 828P Programmer
With Adapters



www.sireda.com

Sireda and Additional Test Sockets
For eMMC and eMCP memory

Complete Repair / JTAG / ISP / Chip-off Workbench Kit

A Comprehensive Collection of Equipment and Accessories to Repair Devices, and Perform JTAG / Chip-off and ISP Data Extractions.

The Complete Kit includes All Equipment to perform necessary tasks to disassemble and repair devices, remove chips for chip-off work, as well as ready devices for JTAG and ISP device.

Complete Kit Includes (contact us for complete list):

- Rework Station with Hot Air and Soldering Station
- Microscope
- Pre-heater and Frame
- DC Power supply
- Multimeter
- Screwdriver Sets
- Opening Tools
- Solder Materials



T-862 Rework Station

Three in One Digital Infrared System
Basic Rework & Reflow Soldering Station

- IRDA Welder T-862 can unsolder all the elements between 05 and 20mm.
- 650W hot-melt system .Its preheating area is 80x120mm.
- IRDA Welder T-862 can unsolder all the elements between 05 and 20mm.
- Infrared heating without heated air flowing.
- No impact on circumjaacent small elements. Ideal for Micro BGA elements.
- Easy operation



JBC Precision Soldering Station (Optional)

Included with part no: AP-CHPSTR4+JBC-TEEL

- 120 V—Precision station
- The CD-S is a soldering station for precision electronic applications.
- Works with the JBC exclusive heating system and the intelligent sleep & hibernation features
- Features a USB Connector to update software, create graphs and manage parameters from a PC

