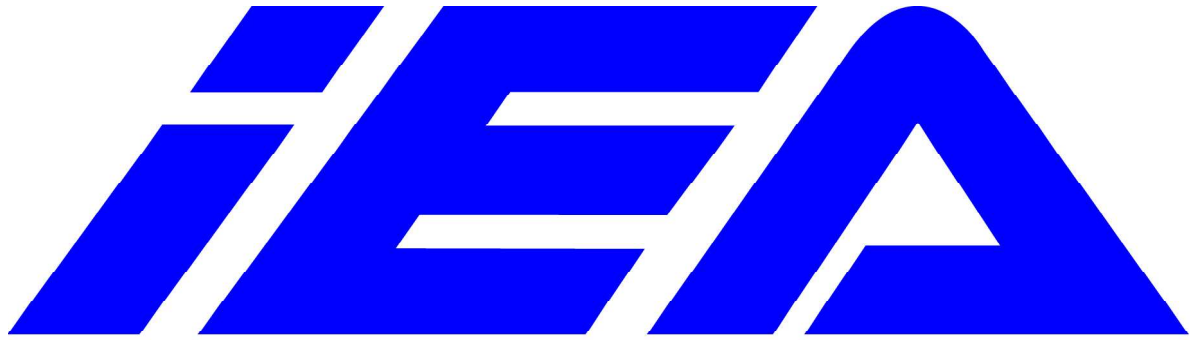
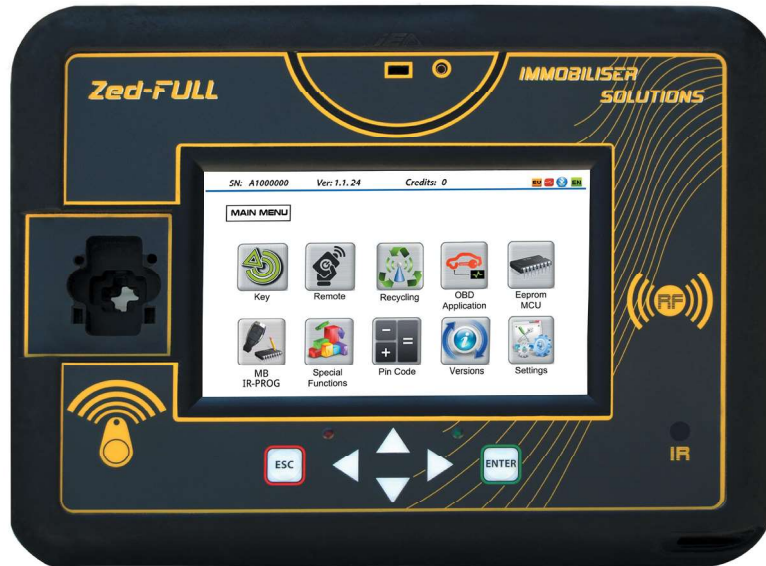




LEADING TRANSPONDER TECHNOLOGY



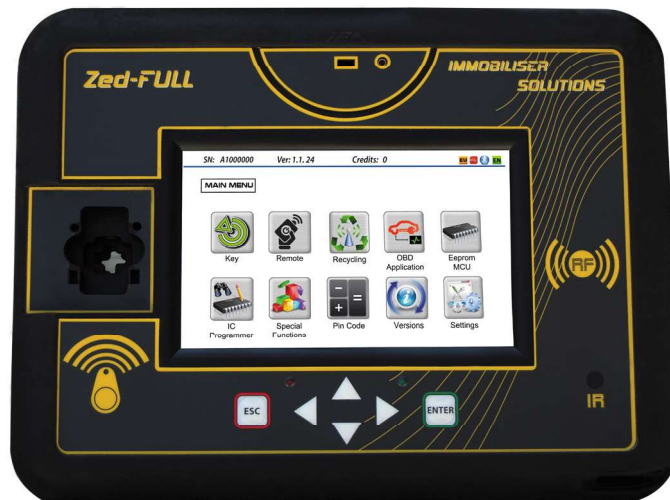
Zed-FULL

INFORMATION BROCHURE

www.istanbulanahtar.com
www.ieakeystore.com
www.zed-full.com

All rights reserved to Istanbul Elektronik Anahtar Guv. Sist. San. Tic. Ltd. Sti.

we build your
dreams
with trust



LEADING TRANSPONDER TECHNOLOGY

All applications in single hardware and single cable. Programming different brand passenger cars and trucks is not a dream with Zed-FULL.



Zed-FULL - Immobiliser Solutions by IEA

Zed-FULL is designed to meet all your needs related with electronic side of locksmithing and Immobiliser systems. Zed-FULL has 5 different antennas for

- * 125 Khz-134,2 Khz transponder reading – cloning - generating,
- * Reading 13,56 Mhz hotel door cards& tags,
- * Measuring 315, 433, 868 Mhz remote signals,
- * Reading and cloning Holden Commodore remote keys
- * Programming keys for VAG Group cars.

Regular updates will keep you at the top and one step ahead from all of your competitors.



Zed-FULL Main Features;

- * Transponder reading(125 Khz, 134,2 Khz, 13,56 Mhz),
- * Transponder, tag cloning (onto blank transponders, no need precoded & special transponders),
- * Ability to write on almost all of writable transponders (EH1, EH2, TPX1, TPX2, TPX4, Z46-01, MD46, TS48, TK60, CN1, CN2 etc. and all OEM transponders),
- * Transponder production, generation or converting applications,
- * Eeprom applications (currently 264 different eeprom applications which covers thousands of car models)
- * MCU, eeprom reading features for eeprom application (using various type of Zed-FULL MCU-eeprom reader adapters without using computer)
- * OBD2 pin code extracting and transponder pre-coding applications,
- * OBD2 Key-Remote-Proximity-Card programming and erasing applications,
- * Truck OBD2 key programming applications,
- * Mercedes IR Key programming, 1998-2015 all FBS3 system installed vehicles.
- * Remote frequency test and identifying applications,
- * OEM Remote key unlocking applications (LIFS does not include these applications, need to purchase each single pack)
- * Transponder unlocking applications,
- * Motorbike key programming applications via socket or as an eeprom application,
- * ECU virginising applications (Fiat),
- * Pin code calculation applications from labels, VIN numbers.

1- Cloning transponders (key to key)

- Fix codes;

* 11 -onto T5(Sokymat), TK5551(Temic),

* 12 -onto T5(Sokymat), TK5551(Temic),

* 13 -onto T5(Sokymat), TK5551(Temic),

* 14 -onto T5(Sokymat), TK5551(Temic),

* 33 -onto T5(Sokymat), PCF7930(Philips), PCF7931(Philips),

* 73 -onto T5(Sokymat), PCF7930(Philips), PCF7931(Philips), PCF7935(Philips)

* 4C -onto EH1(Silca Electronic Head), EH2(Silca Electronic Head), TK23(Keyline Electronic Head), TK24(Keyline Electronic Head), Z4C(IEA glass transponder), TPX1(JMA glass transponder), CN2(China carbon transponder)

- Philips crypto(PCF7935 based);

* Some 40 onto T5(Sokymat), PCF7930-PCF7931-PCF7935(Philips),

* 41 onto PCF7935(Philips)

* 42 onto PCF7935(Philips)

* 44 (Unlock VAG) onto PCF7935(Philips)

* 45 onto PCF7935(Philips)

-Philips crypto Hitag2

* 46 -Hitag2 onto TPX3-TPX4(JMA Glass Transponder), TK60(Keyline Electronic Head),

MD-46(IEA carbon transponder), internet connection is required for 46-Hitag2 cloning applications.

-Texas Crypto DST 4D(40 Bits)

* 60, 61, 62, 63, 65, 67, 68, 69, 70 -onto EH2(Silca Electronic Head), TPX2(JMA Glass Transponder), CN2(Chinese Carbon Transponder)

* 64 -onto EH2(Silca Electronic Head), TPX2(JMA Glass Transponder)

-Temic Crypto

* 8C -onto blank TK5561A carbon transponder

-Megamos Crypto

* Megamos48 (Unlock)- onto precoded Z48 glass transponders

2- Remote Cloning

One of the most important advantages of Zed FULL is cloning Fiat remotes with 48 transponders onto IEA made special emulator remotes(emulator1 and emulator2).

Moreover we have added Fiat 46-Hitag2 based remote cloning onto emulator3 with Zed-FULL.

Emulator1: 1 button Fiat- Doblo, Albea, Punto, Palio(with 48 transponder)

Emulator2: 2-3 buttons Fiat-Linea, Bravo, Stilo, Ypsilon(with 48 transponder)

Emulator3: 3 buttons flick remote to clone 46 based Fiat remotes

3- Eeprom and MCU Applications

Zed-FULL currently has 264 different eeprom applications. With eeprom applications, you can get pincode or generate precoded or working transponders for the car. You just need to remove immobox, ECU or BSI from the car and read the correct eeprom or MCU. Without need of computer, Zed-FULL will generate the transponder data or the pin code of the car. All the details related with the immobox, BSI, ECU will be shown on Zed-FULL screen. Making eeprom applications would not be easier than this way. In addition to this, Zed-FULL PC software also allows you to make eeprom applications if you already have binary, hex file of the eeprom & MCU.

4- OBD Applications

Zed-FULL is designed to extract the pincode automatically from the car through OBD port during key-remote programming procedure. Zed-FULL has VAG(Volkswagen, Audi, Skoda, Seat), Opel-Vauxhall, Renault-Dacia, Toyota-Lexus, Ford-Mazda(Europa, USA, Australia), Falcon, Fiat-Lancia-Alfa Romeo, Iveco, Daewoo-Chevrolet, Hyundai-Kia, Peugeot-Citroen, Nissan, Proton, Mitsubishi, Subaru, Honda, Isuzu, Chrysler, Dodge, Jeep, GMC, Cadillac, Buick, Saturn, Oldsmobile, Hummer, Pontiac, Infiniti, GM- Holden, Suzuki, Land Rover- Jaguar, BMW-Mini Cooper, Lincoln, Mercury, Renault-Volvo-DAF Truck(24Volt) key and remote programming functions via OBD-II port on the car. We also have some cables for motorbike and BMW which allow you to program key through immo box sockets, no need to remove any MCU or eeprom from boxes. Zed-FULL supports Vespa, Gilera, Piaggio, Peugeot motorbike key programming applications.

5- Transponder Production

To program a new key to a car, you should use suitable transponder inside the key. Instead of having all kinds of transponders suitable for all car brands, you can just keep a few types of cheap blank transponders in your stock to convert them into these precoded transponders to program via OBD-II. Zed-FULL allows you to produce almost all kind of precoded transponders using those blank transponders like PCF7930, PCF7931, PCF7935, PCF7936, Texas 4D-60 etc...

- * 40 Opel, 41 Nissan, 42 VAG, 44 VAG-Mitsubishi, 45 Peugeot-Citroen transponders can be generated using blank PCF7935 transponders
- * Different types of 33 transponders like Peugeot 33, Nissan 33, VAG 33, Renault 33 can be generated using PCF7930, PCF7931, PCF7935, T5 transponders.
- * 61 Mitsubishi, 62 Mitsubishi, 63 Ford-Mazda, 65 Suzuki, 67 Toyota-Lexus, 68 Toyota-Lexus, 69 Toyota-Lexus, 70 Toyota-Lexus transponders can be generated using blank Texas 4D-60, TPX2 JMA glass or CN2 carbon 4C-4D transponders.
- * 73 Mitsubishi transponders can be generated using blank PCF7930, PCF7931, PCF7935 transponders
- * 46(Hitag-2) based Audi, Chevrolet, Chrysler, Citroen, Isuzu, Peugeot, Hyundai, Hona, Kia, GMC, Mitsubishi, Nissan, Opel, Porsche, Renault, Saab, Volkswagen etc...transponders can be generated using blank PCF7936 transponders.
- * Mercedes E, C, G class master key transponders up to 1999 can be generated with Zed-FULL using blank PCF7935 transponders.

6- Transponder-Remote Recycling

Most of the remote keys can be used only once and can not be used for another vehicle if it is already programmed to a vehicle. In case of having some used remotes in stock, it would be very beneficial for locksmiths or car key services to be able to use these remote keys again. The only way for that is unlocking the remote key. Sometimes unlocking procedure can be done without replacing anything from the remote key, but sometimes there is no other way than replacing an IC from the remote key PCB board. Zed-FULL functions will assist you to unlock these used remotes to make more money with less cost.

7- PC Software, PC Connections and Updates

However Zed-FULL is designed to be used as a stand alone device without need of computer, it has USB2 port to communicate with computer. When it is plugged to computer via USB2 port, drivers will be installed automatically on Windows 7-8-10 OS. Zed-FULL PC software is used for these applications;

- * Online transponder cloning applications
- * Online pincode calculation applications
- * Activations for some period of time (Zed-NET also can be used)
- * Synchronisation applications to load new packs to Zed-FULL (Zed-NET also can be used)
- * Updating Zed-FULL internal boards
- * Eeprom applications
- * Emulator unlocking
- * Loading credits to Zed-FULL from credit bank (Zed-NET also can be used)



PC software will not work without Zed-FULL, and will work limited without internet connection. As soon as you run PC software on a computer with internet connection, it will check the device module board versions and will ask you to update the related boards if any new update exists. Update procedure is so easy to operate and will take about 3-5 minutes for each board inside Zed-FULL..

Zed-FULL has these units to be updated and once you run Zed-FULL PC software, it will check our server whether there is a new update or not.

- * **Main Board** - Updates are mainly related with menus
- * **Transponder Board** - Updates are mainly related with transponder reading-cloning applications
- * **OBD Board** - Updates are mainly related with OBD applications
- * **Remote Board** - Updates are mainly related with remote cloning applications and Mercedes IR Key programming applications
- * **Eeprom Board** - Updates are mainly related with eeprom applications
- * **SD card** - Updates are mainly related with the images, buttons you see on Zed-FULL screen. But sometimes it might be related with OBD or eeprom applications as well.

8- Hardware Details



* 7inch HD-TFT Touch Screen; With the high resolution and wide screen, you will enjoy using Zed-FULL. Wide screen will allow us to show all details of the applications on the screen like remote key to use during remote cloning, recycling and OBD applications, immo box and board pictures during eeprom applications, transponder types during transponder production, transponder cloning applications etc...

* Zed-FULL has just one OBD-II cable for all OBD-II applications. You won't be lost among many types of cables for OBD-II applications anymore.

* Steering wheel holder, will help you during OBD applications on the car. You may easily insert Zed-FULL on steering wheel and operate the device using touch screen to program keys and remotes to the car.

* Zed-FULL is designed to have all functions related with immobiliser in one device. So Zed-FULL will meet almost all of your needs for your key-remote programming service.

* Zed-FULL is the unique immobiliser device which supports both 12 and 24 Volt battery installed vehicles. That means trucks also can be programmed with Zed-FULL without need of any additional hardware.

* With Zed-FULL Probe cable, you can also check the voltage of car or remote key batteries. Also with same cable you can check the continuity of the wire connections during eeprom applications or any other application you may need to check wire connections.



9- Extended Applications

- * Reading Km, chassis and key informations from original EWS BMW remotes and writing onto an original remote, Fiat Panda 46 pin code calculation from key,
- * Nissan Almera and Primera 46 pincode calculation from key,
- * Renault Symbol-Dacia Duster Continental Box 46 pincode calculation from key,
- * Finding pincodes from keys for 33 Renault, 45 Peugeot, Renault 60-64, *
- * Hyundai & KIA pincode calculation from VIN number (supports up to 2007),
- * Hyundai & KIA pincode calculation from key,
- * Pincode calculation from Nissan ICU - SEC- BCM immobiliser box labels ,
- * Unlocking Megamos 48 Magic-II transponders,
- * Unlimited customer database on PC software,
- * 48 Unlockable CAN Bus transponder programming,
- * Transponder catalogue; with help of this catalogue, you can learn which transponder is used for which vehicle on which year,
- * Producing fix coded transponders (11, 12, 13, 33 Renault, Texas 4C) from Eeprom datas,
- * Resetting unlocked 4D-60 Texas crypto transponders,
- * Measuring 315, 433, 868 Mhz remote frequencies,
- * Reading and identifying 13,56 Mhz hotel door cards and tags.

10- Purchase ways of Zed-FULL

Istanbul Elektronik Anahtar has a wide distribution network all over the world for Zed-FULL sales. It is important for us to give the best technical support and best functionalities for our clients. You may purchase Zed-FULL from your local IEA distributors or if you don't have a local supplier in your country you can directly contact to us from info@istanbulanahtar.com or sales@istanbulanahtar.com e-mail addresses.

There are 5 different ways to use Zed-FULL applications. For all kinds, first you should purchase a Zed-FULL Basic Unit then choose your option to use Zed-FULL softwares,

* **Credit system;** Pay as you go system. Every single application has a credit cost(standart packs coming with the hardware purchase are excluded).Instead of paying for software in advance, you may purchase credits to use applications. Credit cost for each application varies.

Credit system is not available for US & Canada market.

* **Buying single software packs or software pack groups;** You can buy the most popular applications for your market which will be cheaper than spending credits each time. You may still purchase often used software packs and use rare applications with your credits (both systems can be used in the same device).

* **LIFS**; Unlimited use for all Zed-FULL applications(exceptions may apply ie: remote unlocking and online pin code applications) for certain time of period like 3 months, 6 months or 1 year moreover during subscription period, all software updates will be delivered free of charge.

* **Daily LIFS**; Unlimited use for all Zed-FULL applications(exceptions may apply ie: remote unlocking and online pin code applications) for 24 hours. Minimum 5 days of daily LIFS can be purchased each time.

* **Group LIFS**; Application specific subscription, for example, BMW obd programming group LIFS:includes all BMW obd applications. Good when Zed-FULL is used for specific applications and/or car brands only.

* **Zed-FULL standart kit includes these sw packs in it;**

- * All transponder reading applications (125Khz, 134,2 Khz, 13,56 Mhz Mifare)

- * All transponder cloning applications (Fixed, 42 Crypto, 44(Unlock) Crypto, 45 Crypto, 4D(40 Bit) Crypto, 46(Hitag2) Crypto, 48(Unlock) Crypto, 8C(TK5561) Crypto)

- * Most of transponder production applications

- * 1-159th eeprom applications (Total 264 different eeprom applications exist currently)

- * Remote key frequency counter

SINGLE TOOL FOR ALL CAR BRANDS

****SINGLE TOOL FOR 4 DIFFERENT APPLICATIONS****

TRANSPONDER CLONING *All type of blank transponders can be used



REMOTE CLONING

*On to original shaped emulators



EEPROM & MCU APPLICATIONS

*Reading eeprom & Mcu

Generating key data

Precoding key

Pin code extraction

Over 1500 supported car models



OBD APPLICATION

*Support for all brands including latest models.

*12-24 v support



WIDEST PURCHASE OPTIONS **FOR EVERY BUDGET**

*** SOFTWARE PURCHASE**

Every single software can be purchased separately or as a pack.

*** CREDITS**

Pay as you go, full software and software updates are included.

*** LIFS**

Unlimited credits during LIFS period (3 - 6 - 12 months)
Full software and software updates are included

*** DAILY LIFS**

Unlimited credits for 24 hours full software and
software updates are included.
Each day can be activated individually.

*** GROUP LIFS**

Unlimited credits during Group LIFS period just for a particular
car brand (6 - 12 months)
Software updates are included.

*****Maximum flexibility*****

**All options can be applied to the same device separately
or together; some applications can be purchased and
the rest can be used with credits .**

VW, SKODA, SEAT, AUDI KEY PROGRAMMING UP TO LATEST MODELS



VDD CLUSTER SYSTEMS
2013-2014 Years - Vw, Seat, Skoda



VDO CLUSTER SYSTEMS
2010-2013 Years - Vw, Seat, Skoda

JOHNSON CONTROL CLUSTER SYSTEMS

2010-2014 Years - Vw,
Seat, Skoda

CAN BUS AND K-LINE ECUS
2000-2010 Years Vw, Skoda, Seat, Audi

MAGNETTI MARELLI
2010-2014 Years - Vw, Seat, Skoda



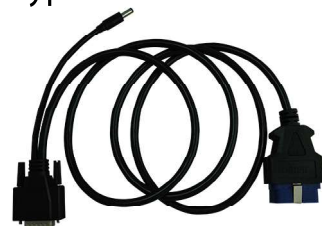
EZS-KESSY SYSTEMS
Audi A6-Q7 upto 2010

CAN BUS INSTRUMENT CLUSTER

Support for VDO micronas and
Visteon clusters



K-LINE INSTRUMENT CLUSTER
Almost all type of K-line Clusters



FIAT, ALFA ROMEO, LANCIA OBD

NO MORE REMOVING BOX

NO MORE SOLDERING-DESOLDERING

PIN CODE EXTRACTION, PRECODING VIA OBD

**PROGRAMMING EMULATOR REMOTES AND IEA MADE REMOTES
(ORIGINAL SHAPED)**

BOTH 48 AND 46 TRANSPONDER BASED FIAT CARS.



MOTORBIKE VIA SOCKET

VESPA-PIAGGIO-GILERA

- *NO MORE DIGGING HOLE ON THE BOX
- *NO MORE SOLDERING-DESOLDERING
- *SIMPLE AS PLUGGING CABLES TO THE PINS



OBD APPLICATION

VOLKSWAGEN, AUDI, SKODA, SEAT, FIAT,, ALFA ROMEO, LANCIA, FORD MAZDA, RENAULT, DACIA, BMW, PEUGEOT, CITROEN, TOYOTA, SUZUKI, SUBARU, MITSUBISHI, NISSAN, OPEL, LAND ROVER, LINCOLN, MERCURY, HYUNDAI, KIA, JAGUAR, ISUZU, PROTON, CHRYSLER, JEEP, DODGE CHEVROLET, CADILLAC, BUICK, SATURN, OLDSMOBILE, HUMMER, GMC, PONTIAC, INFINITI, MINI COOPER, HONDA, LEXUS, IVECO, VAUXHALL, HOLDEN.

MOTORBIKES:

VESPA, GILERA, PIAGGIO, PEUGEOT

TRUCKS:

VOLVO, RENAULT, DAF

- *SINGLE UNIVERSAL CABLE
- *SUPPORT FOR 12 AND 24 VOLTS
- *PIN CODE EXTRACTION
- *PRECODING TRANSPONDER
- *REMOTE AND KEY PROGRAMING
- *SMART KEY PROGRAMMING
- *PROXIMITY KEY PROGRAMMING
- *ADD KEY AND ERASE KEY FUNCTIONS



EEPROM & MCU APPLICATIONS

- *Built in Eeprom and Mcu Programmer.
- *Various models are supported(Over 1500 different cars).
- *Pin code reading.
- *Precoding transponder.
- *Programming transponder to start the car.
- *Programming emulator remotes.



- *Stand alone use, no need for pc and programmer.
- *Widest options for blank transponder selection.
- *Option to use via pc software.
- *Ability to save files to Pc.
- *Detailed pictures of the immo units and application modules.
- *Continuous updates



FIAT, ALFA ROMEO, LANCIA **ECU VIRGIN & EEPROM READ**



****THROUGH PINS USING ORIGINAL SOCKET***

"M.MARELLI "; 5SF3(HW300), 5SF(HW>200), 5NF_Tx

****THROUGH PINS USING Zed-FULL UNIVERSAL CABLE***

"M.MARELLI "; 59F(HW<100), 59F(HW002),
59F(HW>100), 5AF(HW>100), 4AF(HW>100),
4EF(HW>100), 5SF3(HW300), 5SF(HW>200),
5NF_Tx, MJD6F3, MJD6JF, 8GMF, 8F3.

"BOSCH "; ME7.3.1(253,254) - ME7.3(313,314) - EDC15



****THROUGH OBD***

"M.MARELLI "; 59F(HW<100), 59F(HW002),
59F(HW>100), 5AF(HW>100), 4AF(HW>100),
4EF(HW>100), 5SF3(HW300), 5SF(HW>200),
5NF_Tx, MJD6F3, MJD6JF, 8GMF, 8F3.

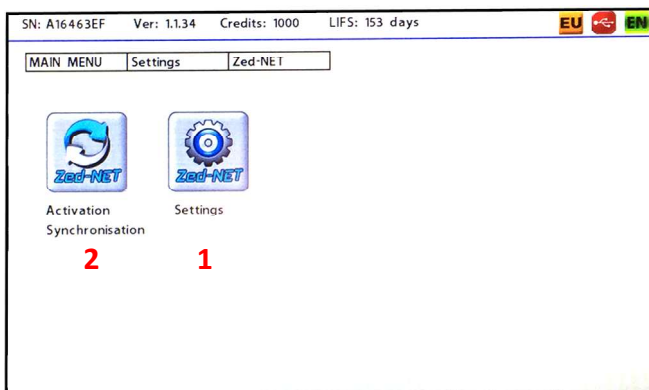
"BOSCH "; EDC15.



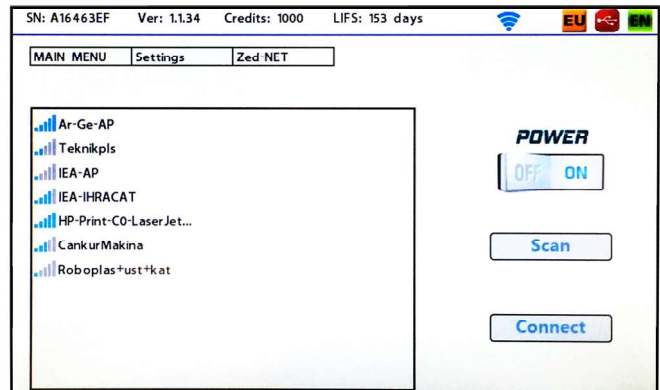
Zed-NET

Zed-FULL Wi-Fi Module

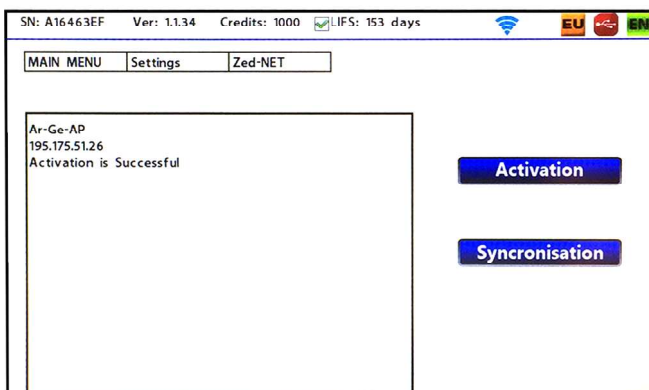
- *Connect to the internet without a pc
- *Updates, synchronisation, transponder cloning all online applications are on the Zed-FULL now
- *All you need is a wireless internet connection and Zed-NET



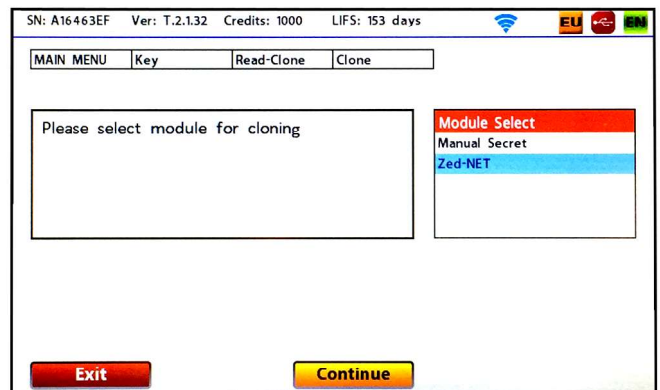
- 1- Zed-NET connection settings
- 2- Zed-FULL Activation & Synchronisation



Once switch Power to "ON" and press "Scan" available wi-fi networks will be listed to "Connect" to internet.



Press "Activation" to reactivate Zed-FULL. Press "Synchronisation" to sync Zed-FULL in case of need.



After reading 4D transponder select "Zed-NET" option for internet cloning without need of Zed-FULL PC Software.

48 Transponder Cloning

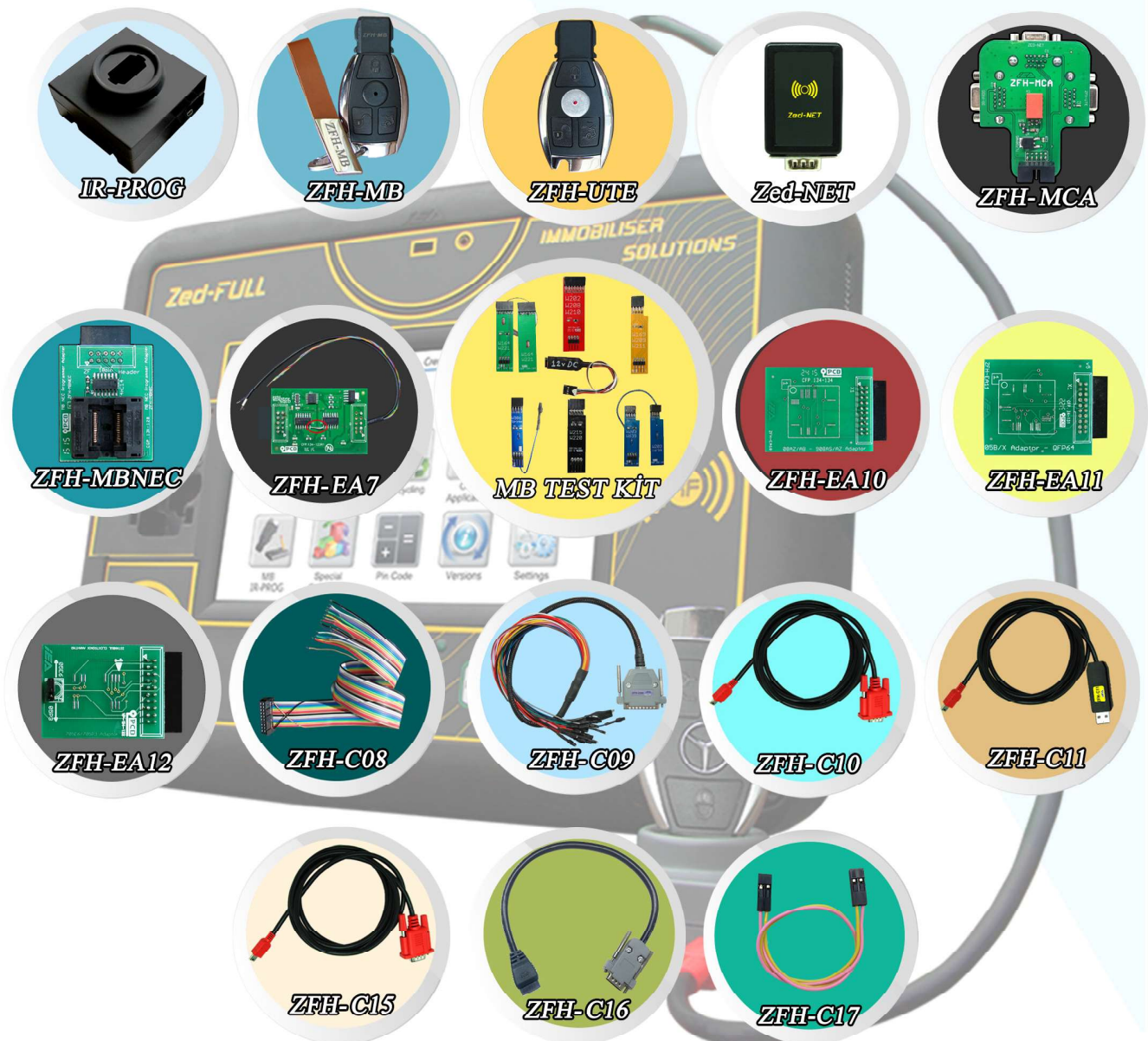


Some 48 transponder can be cloned with Zed-FULL.

Cloning can be done onto precoded
Z48 glass transponder.

Zed-FULL Mercedes-Benz IR Key Programming Application

- As long as the working key can be read with IR-PROG, Zed-FULL can program a new key for all Mercedes-Benz vehicles between 1998-2015 using Mercedes-Benz BGA/FBS3 kit.(ZFH-MCA, Zed-NET, IR-PROG, ZFH-UTE required).
- It can also generate new key even if all keys are lost with the help of ZFH-UTE (emulator /sniffer key), ZFH-MCA (multi connection adapter), Zed-NET (wifi module) and IR-PROG.
- Easy and safe way of doing IR Mercedes keys.
- No Pc required, just use MCU reader adapters.
- No extra key calculator dongle required, fast calculation.
- Self explaining steps, easy to follow procedure.
- Best quality reusable emulator remotes.
- EZS/EIS connection cable (ZFH-C09) included.
- Quick test after key programming (using ZFH-MB TEST KIT or ZFH-UTE or OBD2).
- For further details please see "Mercedes-Benz Application Guide" document.



Zed-FULL

PCF79XX Remote Key Unlocking Application

**AUDI, BMW, BUICK, CADILLAC, CHEVROLET, CHRYSLER, CITROEN,
DODGE, HYUNDAI, JEEP, KIA, LAND ROVER, MITSUBISHI, NISSAN,
OPEL, PEUGEOT, PORSCHE, RANGE ROVER, RENAULT, VOLVO**

OEM remote key unlocking feature.

For further details please see

“Zed-FULL PCF79XX

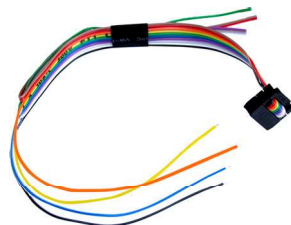
***Remote Key Recycling Application User Manual”* document.**



**ZFH-C07
or
ZFH-C12**



PCF79XX Remote
Recycling Adapter



ZFH-C07 - 10 Pin Cable



ZFH-C12 Remote
Unlocking Cable



BMW CAS 2, 3, 3+ PROGRAMMING **THROUGH PINS**

***THROUGH PINS USING Zed-FULL ZFH-C04 CABLE**

- This application is good for working on the bench, all these applications can be done via OBD as well.
- 2005 to 2011 CAS2, CAS3, CAS3+ systems
- Easy and fast programming with visual step by step instructions.
- Original and after market remotes can be programmed.
- Used remotes can be unlocked(used with Zed-FULL only)



Zed-FULL Mifare Reading & Cloning



Zed-FULL Mifare Antenna



- * Read 13,56 mhz Mifare cards.
- * Read and Clone Kale X5 Automats.
- * Read and Clone Kale X5 Access Cards.
- * Produce Kale X5 Access Cards.

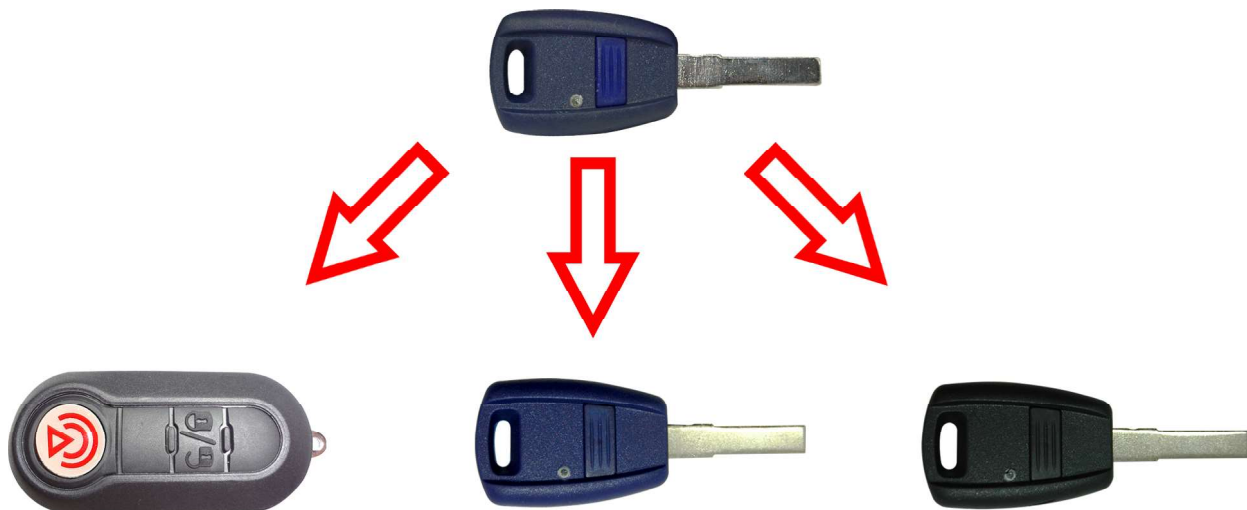
Identify cards bellow;

- * Mifare Clasic 1K,
- * Mifare Clasic 4K,
- * Mifare Ultralight,
- * Mifare Desfire 2K,
- * Mifare Desfire 4K,
- * Mifare Desfire 8K,
- * Mifare Plus.



REMOTE CLONING APPLICATION

ORIGINAL KEY



FIR105 (EMULATOR 1) FIR114 (EMULATOR 1) FIR115 (EMULATOR 1)

ID: 48
FIAT: DOBLO, ALBEA, PALIO, PUNTO
1 BUTTON FLICK REMOTE KEY
433 MHZ KEY PROFILE: SIP22

ID: 48
FIAT: DOBLO, ALBEA, PALIO, PUNTO
1 BUTTON BLUE REMOTE KEY
433 MHZ KEY PROFILE: SIP22

ID: 48
FIAT: DOBLO, ALBEA, PALIO, PUNTO
1 BUTTON BLACK REMOTE KEY
433 MHZ KEY PROFILE: SIP22

ORIGINAL KEY



FIR106 (EMULATOR 2)

*FIAT: LINEA, BRAVO, STILO,
*Citroen: Jumper-Delay *Peugeot: Boxer
*Lancia-Ypsilon *Iveco: Daily-Eurocargo
3 BUTTON - ID:48 - 433MHZ

ORIGINAL KEY



FIR107 (EMULATOR 3)

*FIAT: BRAVO, DUCATO, NEW DOBLO, FIORINO
GRANDE PUNTO, 500, 500L, *Alfa Romeo: Mito
*Citroen: Nemo *Peugeot: Bipper Tepe
3 BUTTON - ID: 46 (PCF7946-47) - 433MHZ

IEA PRODUCTION REMOTE KEYS



AUR115E

ID: 46
IEA AUDI SMART REMOTE KEY
434 MHZ - WITHOUT KEYLESSGO



AUB115E

IEA AUDI SMART REMOTE BOARD
434 MHZ - WITHOUT KEYLESSGO



AUR116E

ID: 46
IEA AUDI SMART REMOTE KEY
868 MHZ - WITHOUT KEYLESSGO



AUB116E

IEA AUDI SMART REMOTE BOARD
868 MHZ - WITHOUT KEYLESSGO



AUR117E

ID: 46
IEA AUDI SMART REMOTE KEY
315 MHZ - WITHOUT KEYLESSGO



AUB117E

IEA AUDI SMART REMOTE BOARD
315 MHZ - WITHOUT KEYLESSGO



AUR118E

ID: 46 - IEA AUDI SMART REMOTE KEY
434 MHZ - WITHOUT KEYLESS GO
WITH LONG KEY METAL



AUR119E

ID: 46 - IEA AUDI SMART REMOTE KEY
868 MHZ - WITHOUT KEYLESS GO
WITH LONG KEY METAL



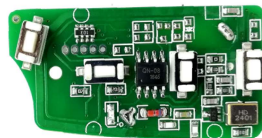
AUR120E

ID: 46 - IEA AUDI SMART REMOTE KEY
315 MHZ - WITHOUT KEYLESS GO
WITH LONG KEY METAL



BMR102+

ID: 33
IEA BMW (1-3-5-E-X) SERIES
433MHZ 3 BUTTON FLICK REMOTE KEY
F CLASS SHAPE



BMB102+

IEA BMW REMOTE BOARD
(1-3-5-E-X) SERIES - 433MHZ



BMR104+

ID: 46
IEA BMW CAS2 (3-5) SERIES 868MHZ
3 BUTTON REMOTE KEY CAS4
SHAPE MODIFIED



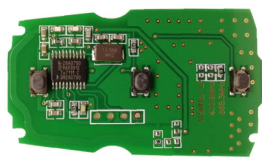
BMB104+

IEA BMW REMOTE BOARD
CAS2 (3-5) SERIES - 868MHZ



BMR105+

ID: 46
IEA BMW (3-5-X) SERIES 868MHZ
SMART REMOTE WITH EMERGENCY KEY



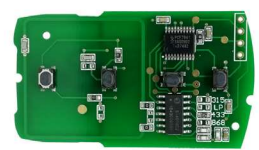
BMB105+

IEA BMW SMART REMOTE BOARD
(3-5-X) SERIES 868MHZ



BMR106+

ID: 46 - IEA BMW 7 SERIES
4 BUTTON SMART REMOTE - 434MHZ
(WITHOUT BATTERY) WITH EMERGENCY KEY)



BMB106+

IEA BMW 4 BUTTON SMART
REMOTE BOARD 7 SERIES - 434MHZ

● For Zed-FULL applications use only this product.

IEA PRODUCTION REMOTE KEYS



BMR109+

ID: 46 - IEA BMW F SERIES
3 BUTTON SMART REMOTE - 868MHZ
(Tested on FEM/BDC-CAS4-CAS4+)



BMB109+

IEA BMW
3 BUTTON SMART REMOTE BOARD
F SERIES - 868MHZ
(Tested on FEM/BDC-CAS4-CAS4+)



BMR125+

ID: 46
IEA BMW F SERIES SERIES - 434MHZ
3 BUTTON REMOTE KEY
WITH EMERGENCY KEY- FOR FEM SYSTEM



BMB125+

IEA BMW SMART REMOTE BOARD
F SERIES - 434MHZ - FOR FEM SYTEM
(same as BMB128+)



BMR128+

ID: 46
BMW F SERIES SERIES - 434MHZ
3 BUTTON REMOTE KEY
WITH EMERGENCY KEY- FOR FEM SYSTEM



BMB128+

ID: 46
BMW F SERIES SERIES - 434MHZ
SMART REMOTE BOARD
WITH EMERGENCY KEY
FOR FEM SYSTEM (same as BMB125+)



BMR129+

IEA BMW F SERIES
3 BUTTON SMART REMOTE - 868MHZ
(Tested on FEM/BDC-CAS4-CAS4+)



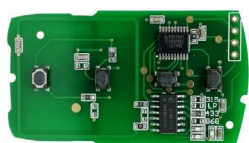
BMB129+

IEA BMW SMART REMOTE BOARD
F SERIES - 838MHZ -
(Tested on FEM/BDC-CAS4-CAS4+)



BMR130+

ID: 46 - IEA BMW 7 SERIES
4 BUTTON SMART REMOTE - 868 MHZ
(WITHOUT BATTERY) WITH EMERGENCY KEY)



BMB130+

IEA BMW
4 BUTTON SMART REMOTE BOARD
7 SERIES - 868 MHZ



BMR131+

ID: 46 - IEA BMW 7 SERIES
4 BUTTON SMART REMOTE - 315MHZ
(WITHOUT BATTERY) WITH EMERGENCY KEY)



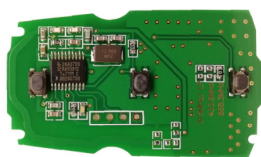
BMB131+

IEA BMW
4 BUTTON SMART REMOTE BOARD
7 SERIES - 315MHZ



BMR132+

ID: 46 - IEA BMW (3-5-X) SERIES
PCF7945A 868MHZ KEYESS GO
SMART REMOTE WITH EMERGENCY KEY



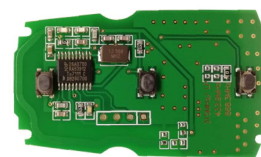
BMB132+

IEA BMW
SMART REMOTE BOARD
(3-5-X) SERIES 868MHZ



BMR133+

ID: 46 - IEA BMW (3-5-X) SERIES
PCF7945A 315MHZ KEYESS GO
SMART REMOTE WITH EMERGENCY KEY



BMB133+

IEA BMW
SMART REMOTE BOARD
(3-5-X) SERIES 315MHZ



● **BZR115Z**

IEA MERCEDES 3 BUTTON REMOTE KEY
FOR ALL FBS3 VEHICLES
EA - 433MHZ - NEC PROCESSOR



● **BZB115Z**

IEA MERCEDES 3 BUTTON REMOTE BOARD
FOR ALL FBS3 VEHICLES
EA - 433MHZ - NEC PROCESSOR



● **BZR116Z**

IEA MERCEDES 3 BUTTON REMOTE KEY
FOR ALL FBS3 VEHICLES
EA - 315MHZ - NEC PROCESSOR



● **BZB116Z**

IEA MERCEDES 3 BUTTON REMOTE BOARD
FOR ALL FBS3 VEHICLES
EA - 315MHZ - NEC PROCESSOR

All products without ● or ●, can be programmed with any diagnostic tool.

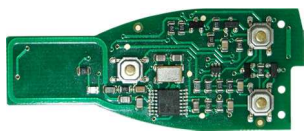
● Must be precoded with Zed-FULL.

IEA PRODUCTION REMOTE KEYS



BZR117E

IEA MERCEDES 3 BUTTON REMOTE KEY
FOR ALL FBS3 VEHICLES
BE - 433MHZ - NEC PROCESSOR



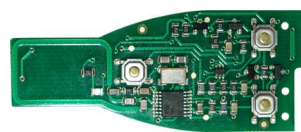
BZB117E

IEA MERCEDES 3 BUTTON REMOTE BOARD
FOR ALL FBS3 VEHICLES
BE - 433MHZ - NEC PROCESSOR



BZR118E

IEA MERCEDES 3 BUTTON REMOTE KEY
FOR ALL FBS3 VEHICLES
BE - 315MHZ - NEC PROCESSOR



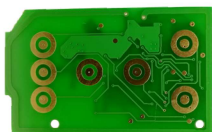
BZB118E

IEA MERCEDES 3 BUTTON REMOTE BOARD
FOR ALL FBS3 VEHICLES
BE - 315MHZ - NEC PROCESSOR



CADR101+

ID: 46
IEA CADILLAC 5 BUTTON 315 MHZ
KEYLESS GO - 10 MIN. BYPASS
REMOTE WITH EMERGENCY KEY



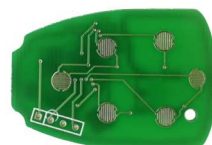
CADB101+

IEA CADILLAC 5 BUTTON KEYLESS GO
REMOTE BOARD - 315 MHZ



CHYR104+

ID: 46
IEA CHRYSLER 3 BUTTON REMOTE
433 MHZ - NON FLICK REMOTE



CHYB104+

IEA CHRYSLER 3 BUTTON REMOTE BOARD
433 MHZ



CHYR105+

ID: 46
IEA CHRYSLER
3 BUTTON 433 MHZ FOBIK REMOTE



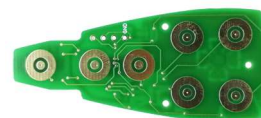
CHYB105+

IEA CHRYSLER FOBİK 7 BUTTON
REMOTE BOARD - 433 MHZ



CHYR106+

ID: 46
IEA CHRYSLER 4 BUTTON FOBİK REMOTE
433 MHZ - WITH "BOOT" PICTURE
WITH EMERGENCY KEY



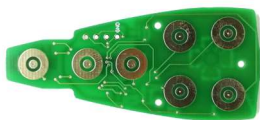
CADB106+

IEA CHRYSLER FOBİK
3+1 PANIC 4 BUTTON
REMOTE BOARD - 433 MHZ



CHYR107+

ID: 46
IEA CHRYSLER FOBİK 3+1 PANIC
4 BUTTON
433 MHZ - WITH "X2" PICTURE
WITH EMERGENCY KEY



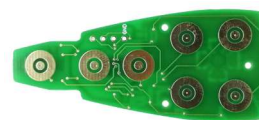
CADB107+

IEA CHRYSLER FOBİK 3+1 PANIC
4 BUTTON
REMOTE BOARD - 433 MHZ



CHYR108+

ID: 46
IEA CHRYSLER FOBİK 4+1 PANIC
4 BUTTON
433 MHZ - WITH "X2" AND
"BOOT" PICTURE WITH EMERGENCY KEY



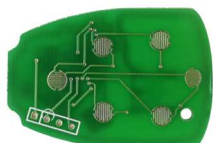
CHYB108+

IEA CHRYSLER FOBİK 4+1 PANIC
4 BUTTON
REMOTE BOARD - 433 MHZ



CHYR110+

ID: 46
IEA CHRYSLER 3 BUTTON REMOTE
315 MHZ
NON FLICK REMOTE



CHYB110+

IEA CHRYSLER 3 BUTTON
REMOTE BOARD
315 MHZ



CHYR111+

ID: 46
IEA CHRYSLER FOBİK 2+1 PANIC
2 BUTTON 433 MHZ



CADB111+

IEA CHRYSLER FOBİK 2+1 PANIC
2 BUTTON
REMOTE BOARD - 433 MHZ

All products without ● or ●, can be programmed with any diagnostic tool.

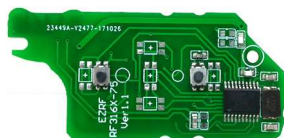
● For Zed-FULL applications use only this product.
 ● Must be precoded with Zed-FULL.

IEA PRODUCTION REMOTE KEYS



CPR120+

ID: 46
 IEA PEUGEOT-CITROEN 2-3 BUTTON
 433MHZ - PCF7941
 UNLOCKABLE(ASK->FSK)



CPB120+

IEA PEUGEOT-CITROEN 2-3 BUTTON
 PCF7941 433MHZ UNLOCKABLE(ASK->FSK)
 (ONLY PCB BOARD)



CPR121+

ID: 46
 IEA PEUGEOT-CITROEN
 2 BUTTON 433MHZ PCF7941
 UNLOCKABLE(ASK->FSK)



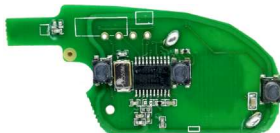
CPB121+

IEA PEUGEOT-CITROEN
 2 BUTTON 433MHZ PCF7941
 UNLOCKABLE(ASK->FSK)
 (CPR115-CPR102 SAME) (ONLY PCB BOARD)



CPR122+

ID: 46
 PEUGEOT-CITROEN
 3 BUTTON 433MHZ PCF7941
 UNLOCKABLE(ASK->FSK)



CPB122+

IEA PEUGEOT-CITROEN
 3 BUTTON 433MHZ PCF7941
 UNLOCKABLE(ASK->FSK)
 (CPR115-CPR102 SAME)
 (ONLY PCB BOARD)



CPR123+

ID: 46
 IEA PEUGEOT-CITROEN
 3 BUTTON HITAG2 433MHZ PCF7961
 UNLOCKABLE FLICK REMOTE (ASK->FSK)



CPB123+

IEA PEUGEOT-CITROEN
 3 BUTTON 433MHZ PCF7961
 UNLOCKABLE FLICK BOARD(ASK->FSK)
 (ONLY PCB BOARD)



CPR124+

ID: 46
 IEA PEUGEOT 408
 3 BUTTON 433MHZ PCF7961
 FLICK REMOTE KEY (WITHOUT BATTERY)



CPB124+

IEA PEUGEOT 408
 3 BUTTON 433MHZ PCF7961
 FLICK REMOTE BOARD



● **FIR102E**
 (Delphi BSI System)

ID: 46
 IEA FIAT: Fiorino - PEUGEOT: Bipper
 CITROEN: Nemo - 3 BUTTON REMOTE KEY
 PCF7946-433 MHZ KEY PROFILE: SIP22



● **FIB102E**

IEA FIAT FIORINO 3 BUTTON
 REMOTE BOARD - 433 MHZ
 (FIR102E BOARD)



FIR103+

ID: 46
 IEA DOBLO DELPHI
 HITAG2 434 MHZ FLICK REMOTE
 (WITHOUT BATTERY)



FIB103+

IEA DOBLO DELPHI
 HITAG2 434 MHZ FLICK REMOTE BOARD
 (WITHOUT BATTERY)



● **FIR103E**
 (Delphi BSI System)

ID: 46
 IEA FIAT :Doblo, Fiorino, Grande Punto, 500
 PEUGEOT: Beeper , Tepee -
 CITROEN: Nemo - ALFA ROMEO: Mito
 FORD: KA - OPEL: Combo
 3 BUTTON REMOTE KEY
 PCF7946-433 MHZ KEY PROFILE: SIP22



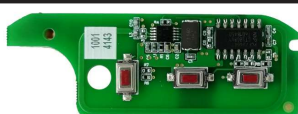
● **FIB103E**

IEA FIAT DOBLO DELPHI NEW NON
 REMOTE BOARD - PCF7946 - 433MHZ
 (FIR103E BOARD)



FIR104+

ID: 46
 IEA MG.MARELLI DUCATO, PEU. BOXER
 HITAG2 434MHZ -PCF7946 FLICK REMOTE
 (WITHOUT BATTERY)



FIB104+

IEA MG.MARELLI DUCATO, PEU. BOXER
 HITAG2 434MHZ -PCF7946
 FLICK REMOTE BOARD
 (WITHOUT BATTERY)



● **FIR104E**
 (M.Marelli BSI System)

ID: 46
 IEA FIAT: Ducato, Bravo, 500L
 PEUGEOT: Boxer CITROEN: Jumper
 ALFA ROMEO: Giulietta - IVECO: Daily
 3 BUTTON REMOTE KEY
 PCF7946-433 MHZ - KEY PROFILE: SIP22



● **FIB104E**

MAGNETI MARELLI
 DUCATO, PEU. BOXER
 REMOTE BOARD - 433 MHZ
 (FIR104E BOARD WITH WHITE LOGO)

All products without ● or ●, can be programmed with any diagnostic tool.

IEA PRODUCTION REMOTE KEYS



**FIR105Z
(EMULATOR 1)**

IEA FIAT: DOBLO, ALBEA, PUNTO, PALIO
(ESKI TIP/OLD TYPE)
1 BUTTON - ID:48 - 433MHZ



FIB105Z

IEA FIAT 1 BUTTON EMULATOR
*FIAT: DOBLO, ALBEA, PUNTO, PALIO
REMOTE BOARD - 433 MHZ
(FIR105Z BOARD)



**FIR106Z
(EMULATOR 2)**

IEA FIAT: LINEA, BRAVO, STILO,
*Citroen: Jumper-Delay *Peugeot: Boxer
*Lancia-Ypsilon *Iveco: Daily-Eurocargo
3 BUTTON - ID:48 - 433MHZ



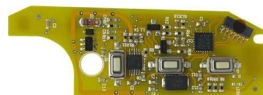
FIB106Z

FIAT 2-3 BUTTON EMULATOR LINEA
REMOTE BOARD - 433 MHZ
(FIR106Z BOARD)



**FIR107Z
(EMULATOR 3)**

IEA FIAT: BRAVO, DUCATO, NEW DOBLO,
FIORINO, GRANDE PUNTO, 500, 500L,
*Alfa Romeo: Mito
*Citroen: Nemo *Peugeot: Bipper Tepe
3 BUTTON - ID: 46 (PCF7946-47) - 433MHZ



FIB107Z

FIAT FIAT 500L EMULATOR 3
REMOTE BOARD - 433 MHZ
(FIR107Z BOARD)



FIR108E

ID: 48
IEA FIAT LINEA, STILO,
3 BUTTON REMOTE KEY
433 MHZ KEY PROFILE: SIP22



FIB108E

IEA FIAT LINEA REMOTE BOARD - 433 MHZ
(FIR108E BOARD)



FIR113E

ID: 46
IEA ALFA ROMEO: Giulietta
3 BUTTON REMOTE KEY
PCF7946-433 MHZ - KEY PROFILE: SIP22



FIB113E

IEA FIAT ALFA ROMEO 3 BUTTON
REMOTE BOARD - 433 MHZ
(FIR113E BOARD)



**FIR114Z
(EMULATOR 1)**

ID: 48
IEA FIAT: DOBLO, ALBEA, PALIO, PUNTO
1 BUTTON BLUE REMOTE KEY
433 MHZ KEY PROFILE: SIP22



FIB114Z

IEA FIAT DOBLO 1 BUTTON
REMOTE BOARD 433 MHZ
(FIR114Z BOARD)



**FIR115Z
(EMULATOR 1)**

ID: 48
IEA FIAT: DOBLO, ALBEA, PALIO, PUNTO
1 BUTTON BLACK REMOTE KEY
433 MHZ KEY PROFILE: SIP22



FIB115Z

IEA IAT DOBLO 1 BUTTON
REMOTE BOARD 433 MHZ
(FIR115Z BOARD)



FIR116E

ID: 48
IEA FIAT LINEA, STILO
3 BUTTON REMOTE KEY
433 MHZ KEY PROFILE: SIP22



FIB116E

IEA FIAT LINEA 3 BUTTON
REMOTE BOARD 433 MHZ
(FIR116E BOARD)



FIR117+

ID: 46
IEA FIAT FREEMONT
2+1 BUTTON SMART REMOTE
433MHZ HITAG2 PCF7945A
(WITH BLADE) (WITHOUT BATTERY)



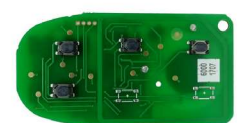
FIB117+

IEA FIAT FREEMONT
2+1 BUTTON SMART BOARD
433MHZ HITAG2 PCF7945A



FIR118+

ID: 46
IEA FIAT FREEMONT
2+1 BUTTON SMART REMOTE
433MHZ HITAG2 PCF7945A
(WITH BLADE) (WITHOUT BATTERY)



FIB118+

IEA FIAT FREEMONT
3+1 BUTTON SMART BOARD
433MHZ HITAG2 PCF7945A

IEA PRODUCTION REMOTE KEYS



FIR119+

ID: 46
IEA FIAT FREEMONT
4+1 BUTTON SMART REMOTE
433 MHZ HITAG2 PCF7945A
(WITH BLADE) (WITHOUT BATTERY)



FIB119+

IEA FIAT FREEMONT
4+1 BUTTON SMART BOARD
433 MHZ HITAG2 PCF7945A



FIR129E

ID: 48
FIAT EGEA 3 BUTTON MEGAMOS AES
FLICK REMOTE - 433 MHZ



FIB129E

FIAT EGEA 4 BUTTON REMOTE BOARD
433 MHZ
(FIR129E BOARD)



FOR104+

IEA-FORD C-MAX 3 BUTTON
FLICK REMOTE 433 MHZ
(WITH KEY BLADE)(WITHOUT BATTERY)



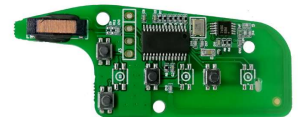
FOB104+

IEA-FORD C-MAX 3 BUTTON
FLICK REMOTE BOARD 433 MHZ
(ONLY PCB BOARD)



FOR120+

IEA FORD FUSION
3+1 BUTTON 315 MHZ PCF7945
FLICK REMOTE
(WITH KEY BLADE) (WITHOUT BATTERY)



FOB120+

IEA FORD FUSION
3+1 BUTTON 315 MHZ PCF7945
FLICK BOARD



FOR121+

IEA FORD 4+1 BUTTON
434 MHZ PCF7945A FLICK REMOTE
(WITH KEY BLADE)(WITHOUT BATTERY)



FOB121+

IEA FORD 4+1 BUTTON
434 MHZ PCF7945A
FLICK BOARD



FOR122+

IEA FORD 4+1 BUTTON
315MHZ PCF7945A FLICK REMOTE
(WITH KEY BLADE)(WITHOUT BATTERY)



FOB122+

IEA FORD 4+1 BUTTON
315MHZ PCF7945A
FLICK BOARD



FOR123+

IEA FORD EDGE
4+1 BUTTON 315MHZ PCF7945
KEYLESSGO REMOTE
(WITH KEY BLADE) (WITHOUT BATTERY)



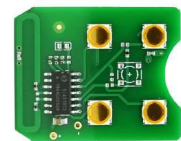
FOB123+

IEA FORD FUSION
4+1 BUTTON 315MHZ PCF7945
KEYLESSGO BOARD



FOR124+

IEA FORD 150
3+1 BUTTON 315MHZ PCF7945A
NON-FLICK REMOTE
(WITH KEY BLADE)(WITHOUT BATTERY)



FOB124+

IEA FORD 150
3+1 BUTTON 315MHZ PCF7945A
NON-FLICK BOARD



HOR112+

ID: 46
IEA HONDA 2012+ AFTER 3 BUTTON
FLICK REMOTE - 433 MHZ



HOB112+

ID: 46
IEA HONDA 2012+ AFTER 3 BUTTON
REMOTE BOARD - 433 MHZ



HOR113+

ID: 46
IEA HONDA 2012+ AFTER 2 BUTTON
FLICK REMOTE - 433 MHZ



HOB113+

ID: 46
IEA HONDA 2012+ AFTER 2 BUTTON
REMOTE BOARD - 433 MHZ

IEA PRODUCTION REMOTE KEYS



HYR104+

ID: 46
IEA HYUNDAI I35 NEW ELENTRA
3 BUTTON SMART REMOTE



HYB104+

ID: 46
HYUNDAI I35 NEW ELENTRA
3 BUTTON SMART REMOTE BOARD



HYR115+

ID: 46
IEA HYUNDAI I10
HITAG2 PCF7945A / PCF7953A 434 MHZ
KEYLESSGO REMOTE (B9500(IA)



HYB115+

ID: 46
IEA HYUNDAI I10
HITAG2 PCF7945A / PCF7953A 434 MHZ
KEYLESSGO REMOTE (B9500(IA)



JPR103+

IEA JEEP 2+1 PANIC BUTTON FOBIK
REMOTE 433MHZ PCF7961M HITAG AES
(WITHOUT BATTERY)
WITH EMERGENCY KEY



JPB103+

IEA JEEP 2+1 PANIC BUTTON
FOBIK REMOTE 433MHZ PCF7961M
HITAG AES BOARD



JPR104+

IEA JEEP 3+1 PANIC BUTTON FOBIK
REMOTE 433 MHZ PCF7961M HITAG AES
(WITHOUT BATTERY)
WITH EMERGENCY KEY



JPB104+

IEA JEEP 3+1 PANIC BUTTON FOBIK
REMOTE 433 MHZ PCF7961M
HITAG AES BOARD



JPR104+

IEA JEEP 3+1 PANIC BUTTON FOBIK
REMOTE 433 MHZ PCF7961M HITAG AES
(WITHOUT BATTERY)
WITH EMERGENCY KEY



JPB104+

IEA JEEP 3+1 PANIC BUTTON FOBIK
REMOTE 433 MHZ PCF7961M
HITAG AES BOARD



LRR102+

ID: 46
IEA LAND ROVER(LR3. RRS)
3 BUTTON
433 MHZ FLICK REMOTE



LRB102+

IEA LAND ROVER(LR3. RRS)
3 BUTTON
REMOTE BOARD - 433 MHZ



LRR103+

ID: 46
IEA RANGE ROVER 5 BUTTON
433 MHZ - SMART KEYLESS GO REMOTE



LRB103+

IEA RANGE ROVER 5 BUTTON
SMART KEYLESSGO REMOTE BOARD
433 MHZ



LRR108+

ID: 46
IEA LAND ROVER FREE LANDER
5 BUTTON
434 MHZ - SMART REMOTE



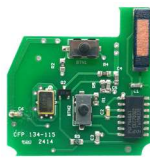
LRB108+

IEA LAND ROVER FREE LANDER
5 BUTTON 434 MHZ
SMART REMOTE BOARD



NIR109E

ID: 46
IEA NISSAN MICRA, NOTE, QASHQAI
2 BUTTON REMOTE KEY
PCF7946 - 433MHZ



NIB109E

IEA NISSAN MICRA, NOTE, QASHQAI
2 BUTTON REMOTE BOARD
PCF7946 - 433MHZ



NIR110E

ID: 46
IEA NISSAN MICRA, NOTE, QASHQAI
2 BUTTON REMOTE KEY
PCF7946 - 433MHZ



NIB110E

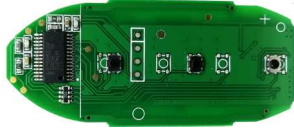
IEA NISSAN MICRA, NOTE, QASHQAI
2 BUTTON REMOTE BOARD
PCF7946 - 433MHZ

IEA PRODUCTION REMOTE KEYS



NIR111+

ID: 46
IEA NISSAN QASHQAI, XTRAIL
3 BUTTON HITAG AES KEYLESS GO
SMART 433 MHZ WITH BLADE



NIB111+

IEA NISSAN: QASHQAI, XTRAIL
3 BUTTON HITAG AES
KEYLESS GO SMART 433 MHZ
REMOTE BOARD



NIR116+

ID: 46
IEA NISSAN SMART 3+1 PANIC
BUTTON HITAG AES KEYLESS GO
REMOTE 315 MHZ
WITH EMERGENCY KEY



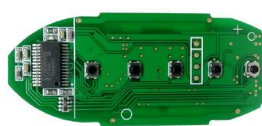
NIB116+

IEA NISSAN SMART 3+1 PANIC
BUTTON HITAG AES KEYLESS GO
BOARD 315 MHZ
(ONLY PCB BOARD)



NIR118+

ID: 46
IEA NISSAN SMART 4+1 PANIC
BUTTON KEYLESS GO 434 MHZ
REMOTE (WITH EMERGENCY KEY)
(WITHOUT BATTERY)



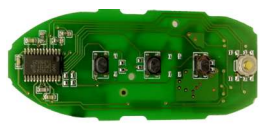
NIB118+

IEA NISSAN SMART 4+1 PANIC
BUTTON KEYLESS GO 434 MHZ
BOARD (WITH EMERGENCY KEY)
(WITHOUT BATTERY)



NIR119+

IEA NISSAN SMART 3+1 PANIC
BUTTON HITAG AES KEYLESS GO REMOTE
PCF7953M 315 MHZ
WITH EMERGENCY KEY



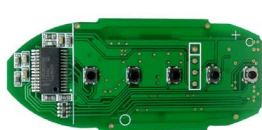
NIB119+

IEA NISSAN 3+1 PANIC BUTTON
KEYLESSGO PCF7952M 315 MHZ
REMOTE BOARD



NIR120+

IEA NISSAN SMART 4+1 PANIC
BUTTON KEYLESS GO PCF7952A 434 MHZ
REMOTE (WITH EMERGENCY KEY)
(WITHOUT BATTERY)



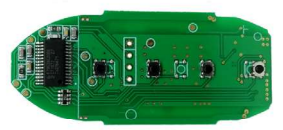
NIB120+

IEA NISSAN 4+1 PANIC BUTTON
KEYLESSGO PCF7952A 434 MHZ
REMOTE BOARD



NIR121+

IEA NISSAN 3+1 PANIC BUTTON
KEYLESSGO PCF7952XTT 434 MHZ
REMOTE



NIB121+

IEA NISSAN 3+1 PANIC BUTTON
KEYLESSGO PCF7952XTT 434 MHZ
REMOTE BOARD



OPR109+

ID: 46
IEA OPEL VECTRA C 3 BUTTON
HITAG2 PCF7946 434 MHZ
FLICK REMOTE (WITHOUT BATTERY)
(DELPHI) (13189118)



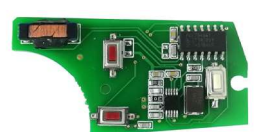
OPB109+

IEA OPEL VECTRA C 3 BUTTON
HITAG2 PCF7946 434 MHZ
FLICK REMOTE BOARD



OPR109E

ID: 46
IEA OPEL VECTRA C
REMOTE PCF7946
(WITH BLADE) (WITHOUT BATTERY)



OPB109E

IEA OPEL VECTRA C
PCF7946 (ONLY PCB BOARD)



OPR110+

ID: 46
IEA OPEL ASTRA-J
2 BUTTON FLICK REMOTE KEY
UNLOCK - 10 MIN BYPASS - 433 MHZ



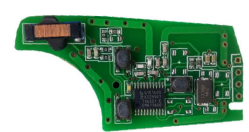
OPB110+

IEA OPEL ASTRA J
2 BUTTON REMOTE BOARD
433 MHZ



OPR115+

ID: 46
IEA OPEL ASTRA J - INSIGNIA
3 BUTTON FLICK REMOTE KEY
UNLOCK - 10 MIN BYPASS - 433 MHZ



OPB115+

IEA OPEL ASTRA J - INSIGNIA
3 BUTTON REMOTE BOARD
433 MHZ

IEA PRODUCTION REMOTE KEYS



OPR119+

ID: 46
IEA OPEL INSIGNIA
3 BUTTON FLICK REMOTE KEY
KEYLESS - 433 MHZ



OPB119+

IEA OPEL INSIGNIA
3 BUTTON REMOTE BOARD
KEYLESS - 433 MHZ



OPR124+

IEA OPEL ASTRA-H
2 BUTTON REMOTE KEY
PCF7941 - 433MHZ
WITH WINDOW ON/OFF FEATURE
(WITHOUT BATTERY)



OPB124+

IEA OPEL ASTRA-H
2 BUTTON REMOTE BOARD
PCF7941 - 433MHZ



OPR124E

ID: 46
IEA OPEL ASTRA-H
2 BUTTON REMOTE KEY
DELPHI PCF7941 - 433MHZ
KEY PROFILE: HU100



OPB124E

IEA OPEL ASTRA-H
2 BUTTON REMOTE BOARD
PCF7941 - 433MHZ



OPR127+

ID: 46
IEA GM-BUICK
4 BUTTON FLICK REMOTE KEY
UNLOCK - 10 MIN BYPASS - 315 MHZ



OPB127+

IEA GM-BUICK
4 BUTTON REMOTE BOARD
315 MHZ



OPR128+

ID: 46
IEA GM-BUICK
5 BUTTON FLICK REMOTE KEY
UNLOCK - 10 MIN BYPASS - 315 MHZ



OPB128+

IEA GM-BUICK
5 BUTTON REMOTE BOARD
315 MHZ



OPR129+

ID: 46
IEA GM-BUICK
4 BUTTON FLICK REMOTE KEY - KEYLESS
UNLOCK - 10 MIN BYPASS - 315 MHZ



OPB129+

IEA GM-BUICK
4 BUTTON REMOTE BOARD KEYLESS
315 MHZ



OPR130+

ID: 46
IEA GM-BUICK
5 BUTTON FLICK REMOTE KEY - KEYLESS
UNLOCK - 10 MIN BYPASS - 315 MHZ



OPB130+

IEA GM-BUICK
5 BUTTON REMOTE BOARD KEYLESS
315 MHZ



OPR131E

ID: 46
IEA OPEL Corsa-D
2 BUTTON FLICK REMOTE KEY
433 MHZ-HITAG2



OPB131E

IEA OPEL CORSA-D
2 BUTTON REMOTE BOARD HITAG2
PCF7941 - 433 MHZ



PGR101+

IEA PEUGEOT 206
2 BUTTON REMOTE 433 MHZ PCF7961
(WITH OUT BATTERY)



PGB101+

IEA PEUGEOT 206
2 BUTTON REMOTE BOARD
433 MHZ PCF7961



PGR107+

IEA PEUGEOT 307
2 BUTTON REMOTE 433 MHZ PCF7961
(WITH OUT BATTERY)



PGB107+

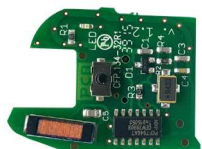
IEA PEUGEOT 307
2 BUTTON REMOTE BOARD
433 MHZ PCF7961

IEA PRODUCTION REMOTE KEYS



RNR102E

ID: 46
IEA RENAULT SYMBOL, CLIO II, KANGOO II
1 BUTTON REMOTE KEY
PCF7946 - 433MHZ KEY PROFILE: NE73



RNB102E

RENAULT: SYMBOL, CLIO II, KANGOO II
1 BUTTON REMOTE BOARD
PCF7946 - 433MHZ



RNR103E

IEA RENAULT MASTER
2 BUTTON PCF7946 REMOTE
(WITHOUT BATTERY)



RNB103E

IEA RENAULT MASTER
2 BUTTON PCF7946
(ONLY PCB BOARD)



RNR105E

ID: 46
IEA RENAULT TRAFFIC, MASTER
OPEL MOVANO REMOTE
433 MHZ PCF7946
(WITHOUT BATTERY)



RNB105E

IEA RENAULT TRAFFIC, MASTER
OPEL MOVANO
433 MHZ PCF7946
(ONLY PCBBOARD)



RNR108E

ID: 46
IEA RENAULT CLIO II, KANGOO II
REMOTE PCF7946 433 MHZ
(WITHOUT BATTERY)



RNB108E

IEA RENAULT CLIO II, KANGOO II
REMOTE PCF7946 433 MHZ
(ONLY PCB BOARD)



RNR109E

ID: 46
IEA RENAULT CLIO III, KANGOO III
REMOTE PCF7947 433 MHZ
(WITHOUT BATTERY)



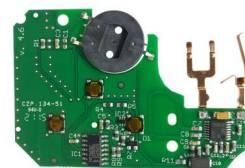
RNB109E

IEA RENAULT CLIO III, KANGOO III
REMOTE PCF7947 433 MHZ
(ONLY PCB BOARD)



RNR114E

ID: 46
IEA RENAULT MEGANE II
SMART REMOTE PCF7947
(WITHOUT BATTERY)



RNB114E

IEA RENAULT MEGANE II
SMART BOARD
(ONLY PCB BOARD)



RNR115+

ID: 46
IEA-RENAULT MEGANE III, FLUENCE,
LATITUDE CARD KEYLESS GO
PCF7952A 434 MHZ
(WITHOUT BATTERY)



RNB115+

IEA RENAULT MEGANE III, FLUENCE,
LATITUDE 4 BUTTON KEYLESS GO
PCF7952A 434 MHZ
CARD BOARD



RNR119E

ID: 46
IEA LAGUNA II
SMART REMOTE PCF7947
(WITHOUT BATTERY)



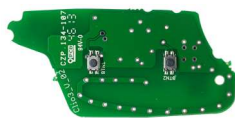
RNB119E

IEA LAGUNA II
SMART BOARD PCF7947
(ONLY PCB BOARD)



RNR125E

ID: 46
IEA RENAULT CLIO III, KANGOO III,
MODUS III 2 BUTTON
FLICK REMOTE PCF7947 433 MHZ
(WITHOUT BATTERY)



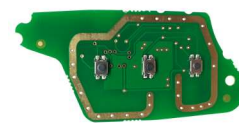
RNB125E

IEA RENAULT CLIO III, KANGOO III,
MODUS III 2 BUTTON
FLICK BOARD PCF7947 433 MHZ
(ONLY PCB BOARD)



RNR126E

ID: 46
IEA RENAULT FLUENCE 3 BUTTON
FLICK REMOTE PCF7961 433 MHZ
(WITHOUT BATTERY)



RNB126E

IEA RENAULT FLUENCE 3 BUTTON
BOARD PCF7961 433 MHZ
(RNR126's BOARD)

IEA PRODUCTION REMOTE KEYS



RNR133+

ID: 46
IEA RENAULT CLIO IV 4 BUTTON
KEYLESSGO REMOTE 433 MHZ PCF7953M
WITH EMERGENCY KEY
(WITHOUT BATTERY)



RNB133+

IEA RENAULT CLIO IV 4 BUTTON
KEYLESSGO PCF7953A 434 MHZ
CARD BOARD
(WITHOUT BATTERY) (RNR133+)



RNR143E

ID: 46
IEA RENAULT MEGANE III
CARD KEY 433 MHZ PCF7961
NON-KEYLESSGO
(WITHOUT BATTERY)



RNB143E

IEA RENAULT MEGANE 3
CARD KEY 433 MHZ PCF7961ATT
NON-KEYLESSGO BOARD
(ONLY PCB BOARD)



RNR144E

ID: 46
IEA RENAULT CLIO IV
CARD KEY 433 MHZ PCF7961
WITH EMERGENCY KEY NON-KEYLESSGO
(WITHOUT BATTERY)



RNB144E

IEA RENAULT CLIO IV
CARD KEY 433 MHZ PCF7961
NON-KEYLESSGO
(ONLY PCB BOARD)



RNR152E

ID: 46
IEA RENAULT-DACIA
2 BUTTON PCF7961M HITAG AES
NON-FLICK REMOTE
(WITHOUT LOGO AND BATTERY)



RNB152E

IEA RENAULT-DACIA
2 BUTTON PCF7961M HITAG AES
REMOTE BOARD
(ONLY PCB BOARD)



RNR154E

ID: 46
IEA RENAULT - DACIA
3 BUTTON FLICK REMOTE
NEW HITAG AES 7961M
(WITH LASER METAL BLADE,
WITHOUT BATTERY)



RNB154E

IEA RENAULT - DACIA
3 BUTTON BOARD NEW HITAG AES
(7961M) 433 MHZ RNR154's BOARD



RNR155E

ID: 46
IEA RENAULT - DACIA
3 BUTTON FLICK REMOTE
NEW HITAG AES 7961M
(WITH REGULAR LONG MILLING
METAL BLADE, WITHOUT BATTERY)



RNB155E

IEA RENAULT - DACIA
3 BUTTON BOARD NEW HITAG AES
(7961M) 433 MHZ RNR155's BOARD



RNR156E

ID: 46
IEA RENAULT - DACIA
3 BUTTON FLICK REMOTE
NEW HITAG AES 7961M
(WITH SHORT MILLING REGULAR
METAL BLADE, WITHOUT BATTERY)



RNB156E

IEA RENAULT - DACIA
3 BUTTON BOARD NEW HITAG AES
(7961M) - 433 MHZ RNR156's BOARD



RNR157E

ID: 46
IEA RENAULT - DACIA
2 BUTTON NON-FLICK REMOTE
NEW HITAG AES 7961M
(WITH SHORT MILLING REGULAR
METAL BLADE, WITHOUT BATTERY)



RNB157E

IEA RENAULT - DACIA
2 BUTTON BOARD NEW HITAG AES
(7961M) 433MHZ RNR157's BOARD



RNR158E

ID: 46
IEA RENAULT - DACIA
2 BUTTON NON-FLICK REMOTE
NEW HITAG AES 7961M
(WITH LONG MILLING REGULAR
METAL BLADE, WITHOUT BATTERY)



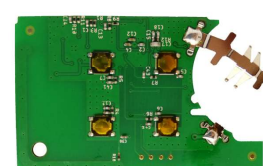
RNB158E

IEA RENAULT - DACIA
2 BUTTON BOARD NEW HITAG AES
(7961M) - 433MHZ RNR158's BOARD



RNR159E

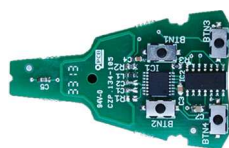
ID: 46
IEA RENAULT MEGANE IV, TALISMAN,
ESPACE V 4 BUTTON HITAG AES
433 MHZ KEYLESS GO REMOTE



RNB159E

IEA RENAULT MEGANE IV, TALISMAN,
ESPACE V 4 BUTTON HITAG AES
433 MHZ KEYLESS GO REMOTE BOARD

IEA PRODUCTION REMOTE KEYS



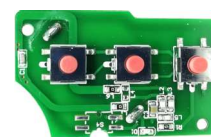
SBB101E

ID: 46
SAAB: 9-3, 9-5
4 BUTTON REMOTE BOARD
PCF7946 433MHZ



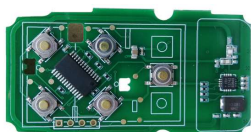
VAGR108+

ID: 48
VAG UDS 3 BUTTON REMOTE
433 MHZ WITH KEY BLADE



VAGB108+

ID: 48
VAG UDS 3 BUTTON
433 MHZ REMOTE BOARD



VLVB103+

IEA-VOLVO 5 BUTTON NON-KEYLESS
433 MHZ PCF7945A-PCF7953A HITAG2
REMOTEBOARD



VVR101+

ID: 48
VW PASSAT SMART CARD - 3 BUTTON
WITH EMERGENCY KEY AND ORIGINAL
433 MHZ 48 CAN BUS TRANSPONDER



VVB101+

ID: 48
VW PASSAT SMART CARD
3 BUTTON REMOTE BOARD
433 MHZ 48 CAN BUS TRANSPONDER



VVR107E

ID: 48
VW MQB MEGAMOS AES
3 BUTTON KEYLESS GO REMOTE
433 MHZ WITH KEY BLADE



VVB107E

ID: 48
VW MQB MEGAMOS AES
3 BUTTON KEYLESS GO
REMOTE BOARD
433 MHZ



VVR123E

ID: 48
VW MQB MEGAMOS AES
3 BUTTON KEYLESS GO REMOTE
433 MHZ



VVB123E

ID: 48
VW MQB MEGAMOS AES
3 BUTTON KEYLESS GO
REMOTE BOARD 433 MHZ

IEA PRODUCTION TRANSPONDERS



TS48

48 TRANSPONDER CLONING WITH
Zed-FULL(GLASS)- 1 TIME USE



MD46

46 TRANSPONDER CLONING
WITH Zed-FULL(CARBON)- RE-USABLE



Z46-01

PCB TRANSPONDER FOR 46 CLONING
APPLICATIONS FROM PC SW.
HAS SNIFF FEATURE, RE-USABLE.



Z46-01-GM

FOR "GM" FAST PROGRAMMING
VIA OBD



Z48

48 TRANSPONDER CLONING WITH
Zed-FULL(GLASS)- 1 TIME USE



Z4C

4C TRANSPONDER CLONING WITH
Zed-FULL(GLASS) - 1 TIME USE



Z46-02-CLIO2HB

RENAULT: CLIO II HATCHBACK
ID: 46 - PCF 7946
PCB FOR OBD PROGRAMMING



Z46-02-FLUENCE

RENAULT: FLUENCE
ID: 46 - PCF7961
PCB FOR OBD PROGRAMMING



Z46-02-KANGOO3

RENAULT: KANGOO 3, CLIO 3
ID: 46 - PCF 7946/47
PCB FOR OBD PROGRAMMING



Z46-02-RN-HITAGAES

RENAULT: SYMBOL
HITAG AES - PCF7961M
PCB FOR OBD PROGRAMMING



Z46-02-MICRA

NISSAN: MICRA
ID: 46 - PCF7961
PCB FOR OBD PROGRAMMING



Z46-02-NOTE

SMART
ID: 46 - PCF7941
PCB FOR OBD PROGRAMMING



Z46-02-ASTRA_H

OPEL: ASTRA H
ID: 46 - PCF 7941
PCB FOR OBD PROGRAMMING



Z46-02-INSIGNIA

OPEL: INSIGNIA, ASTRA J
ID: 46 - PCF 7941E
PCB FOR OBD PROGRAMMING



Z46-02-SMART

SMART
ID: 46 - PCF7941
PCB FOR OBD PROGRAMMING



ZMAES

FIAT EGEEA - VW MQB
MEGAMOS AES TRANSPONDER
PCB FOR OBD PROGRAMMING

Zed-FULL ADDITIONAL ACCESSORIES



**"ZFH-IRPROG"
READ & WRITE
MERCEDES-BENZ KEY MODULE**



**"ZFH-MB"
MERCEDES-BENZ SNIFFER**



**"ZFH-UTE"
UNIVERSAL TRANSPONDER
EMULATOR**



**"Zed-NET"
Zed-FULL Wi-Fi MODULE**



**"TPX4 CLONER"
STANDALONE ID:46 CLONING
(OFFLINE)**



**"ZFH48 SNIFFER"
48 CLONING SNIFFER**



**"ZFH46-SNIFFER"
46 CLONING SNIFFER**



**"ZFH46-CARD"
FLUENCE - MEGANE 3 - SCENIC 3
SNIFFER**



**"ZFHC-PROBE"
VOLTMETER & SHORT CIRCUIT**



**"ZFHC-CP"
HOLDEN-COMMODORE PIN**



**"ZFHC-USB"
USB CABLE**



**"ZFHC-OB2"
MAIN OBD2 CABLE**



**"ZFHC-HKRP"
HYUNDAI-KIA REMOTE
PROG CABLE**



**"ZFHC-EA"
VAG EXTERNAL ANTENNA**



**"ZFHC-EMI"
FIAT 48 SYSTEM
EMULATOR CABLE**



**"ZFHC-C01"
TPX-4 CLONER
CONNECTION CABLE**



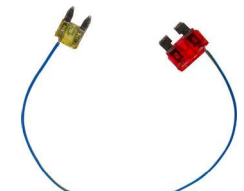
**"ZFHC-C02P"
VAG UDS CLUSTER
CONNECTION CABLE**



**"ZFHC-C03"
MOTORBIKE ECU
CONNECTION CABLE**



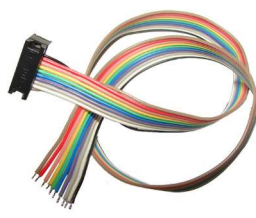
**"ZFHC-C04"
BMW CAS UNIT
CONNECTION CABLE**



**"ZFHC-C05"
VAG SHORT CIRCUIT CABLE**



**"ZFHC-C06"
RENAULT
FLUENCE - MEGANE 3 - SCENIC 3
BCM CONNECTION CABLE**



**"ZFHC-C07"
EEPROM & MCU APPLICATION
10 PIN CONNECTION CABLE**



**"ZFHC-C07-2"
EEPROM & MCU APPLICATION
10 PIN CONNECTION CABLE**



**"ZFHC-C08"
EEPROM & MCU APPLICATION
20 PIN CONNECTION CABLE**



**"ZFHC-C08-2"
EEPROM & MCU APPLICATION
20 PIN CONNECTION CABLE**



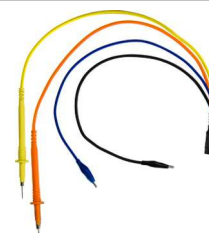
**"ZFHC-C09"
UNIVERSAL CABLE**



**"ZFHC-C10"
IR-PROG-Zed-FULL
CONNECTION CABLE**



**"ZFHC-C11"
IR-PROG-PC
CONNECTION CABLE**



**"ZFHC-C12"
REMOTE UNLOCKING
CABLE**



**"ZFHC-C13"
DAF TRUCK ROUND OBD2 CABLE**

Zed-FULL ADDITIONAL ACCESSORIES



"ZFH-C14"
DAF TRUCK POWER CABLE



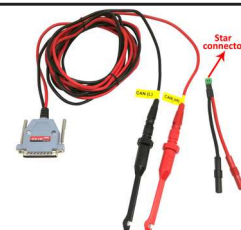
"ZFH-C15"
ZFH-UTE CONNECTION CABLE



"ZFH-C16"
ZFH-MCA CABLE



"ZFH-C17"
GATEWAY CONNECTION
2 PINS CABLE (PINK + YELLOW)



"ZFH-C18"
CHRYSLER 2018+ DASHBOARD
AND STAR CONNECTOR CABLE



"ZFH-MBCA"
ADAPTER FOR
EZS READING APPLICATIONS.



"ZFH-MBC1"
SOCKET CABLE
FOR W204-W207-W212(old)



"ZFH-MBC2"
SOCKET CABLE
FOR W164-W251



"ZFH-MBC3"
SOCKET CABLE
FOR W216-W221



"ZFH-MBC4"
SOCKET CABLE
FOR W212(new)



"ZFH-MBC5"
SOCKET CABLE
FOR W166-W246



ZFH-MCA
MULTI CONNECTION ADAPTER



"ZFH-PCF79XX"
REMOTE UNLOCKING
ADAPTER



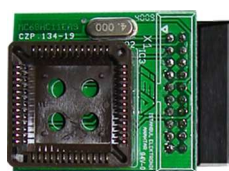
"ZFH-MBNEC"
MERCEDES-BENZ KEY
MCU NEC ADAPTER



"ZFH-EA1"
8 PIN EEPROM ADAPTER



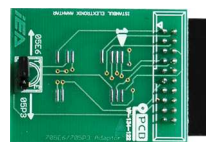
"ZFH-EA3"
52 PIN (EWS-3) MCU ADAPTER



"ZFH-EA4"
52 PIN MCU ADAPTER



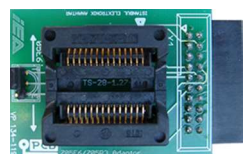
"ZFH-EA5"
52 PIN MCU ADAPTER



"ZFH-EA6"
28 PINS MCU ADAPTER
(05E6/05P3)



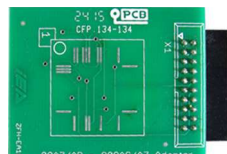
"ZFH-EA7"
SECURITY MCU ADAPTER
(912/9S12/9S12X)



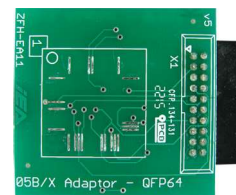
"ZFH-EA8"
28 PINS MCU ADAPTER
WITH SOCKET
(05E6/05P3)



"ZFH-EA9"
64 PINS MCU ADAPTER
WITH SOCKET



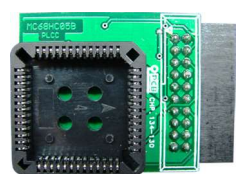
"ZFH-EA10"
64 PINS MCU PCB ADAPTER
08AZ/AB-908AS/AZ



"ZFH-EA11"
64 PINS MCU PCB ADAPTER
QFP64(05B/X)



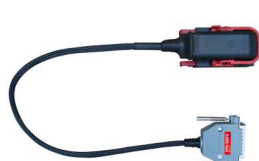
"ZFH-EA12"
64 PINS MCU ADAPTER
WITH SOCKET
QFP64(05B/X)



"ZFH-EA13"
52 PIN MCU ADAPTER
WITH SOCKET



"ZFH-5SF"
FIAT SYSTEM ECU
VIRGINISE CABLE
ECU TYPE: 5SF3(HW>200)



"ZFH-5SF3"
FIAT SYSTEM ECU
VIRGINISE CABLE
ECU TYPE: 5SF3(HW300)



"ZFH-5NF"
FIAT SYSTEM ECU
VIRGINISE CABLE
ECU TYPE: 5NF



"ZFH-ME73"
FIAT SYSTEM ECU
VIRGINISE CABLE
ECU TYPE: ME73(313-314)

Zed-FULL ADDITIONAL ACCESSORIES



"ZFH-ME731"
FIAT SYSTEM ECU
VIRGINISE CABLE
ECU TYPE: ME731(253-254)



"ZFH-DONGLE1"
"HOLDEN" OBD APPLICATION
DONGLE



"ZFH-DONGLE2"
"CHRYSLER" OBD APPLICATION
DONGLE



"ZFH-DONGLE3"
"RENAULT MEGANE-1 SCENIC-1"
OBD APPLICATION DONGLE



"ZFH-DONGLE4"
"MITSUBISHI K-LINE"
OBD APPLICATION DONGLE

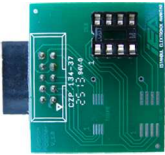
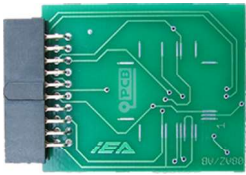
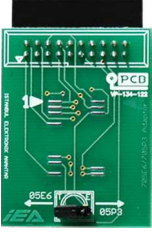
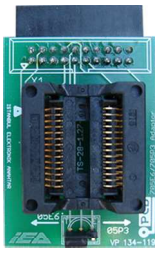
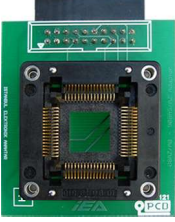
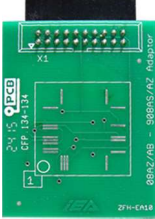
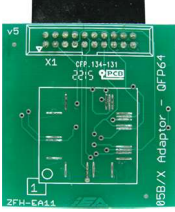


"ZFH-DONGLE5"
BMW (CAS1,CAS2,CAS3,CAS3+)
OBD APPLICATION DONGLE

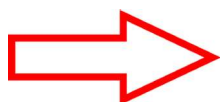


"ZFH-EWS3"
BMW EWS OBD
APPLICATION DONGLE

Zed-FULL EEPROM & MCU APPLICATION ADAPTORS

 "ZFH-EA1" 8 PIN EEPROM ADAPTER	 "ZFH-EA2" 64 PIN MCU ADAPTER (08AZ/AB)	 "ZFH-EA3" 52 PIN (EWS-3) MCU ADAPTER	 "ZFH-EA4" 52 PIN MCU ADAPTER	 "ZFH-EA5" 52 PIN MCU ADAPTER	 "ZFH-EA6" 28 PIN MCU ADAPTER SOIC28 (05E6/05P3)
 "ZFH-EA7" (912/9S12/9S12X) SECURITY MCU ADAPTER	 "ZFH-EA8" 28 PIN MCU ADAPTER WITH SOCKET SOIC28 (05E6/05P3)	 "ZFH-EA9" 64 PIN MCU ADAPTER QFP64 (08AZ/AB-908AS/AZ)	 "ZFH-EA10" 64 PIN MCU PCB ADAPTER 08AZ/AB-908AS/AZ	 "ZFH-EA11" 64 PIN MCU PCB ADAPTER QFP64(05B/X)	 "ZFH-EA12" 64 PIN MCU ADAPTER WITH SOCKET QFP64(05B/X)
 "ZFH-EA13" 52 PIN MCU ADAPTER WITH SOCKET	 "ZFH-C06" RENAULT FLUENCE MEGANE 3 - SCENIC 3 BCM CONNECTION CABLE	 "ZFH-C07" 10 PIN CONNECTION CABLE	 "ZFH-C07-2" 10 PIN CONNECTION CABLE	 "ZFH-C08" 20 PIN CONNECTION CABLE	 "ZFH-C08-2" 20 PIN CONNECTION CABLE

Note : Same color dots indicate different adapters for same applications.

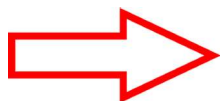
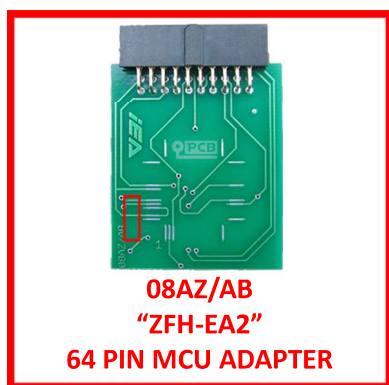


Used to read 8-Pin Eeproms (Out of Circuit)

The module numbers in Zed-FULL that you can read and decode with this adapter, are listed below.

Module ;

4-5-7-15-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-44-45-46-48
49-53-54-55-56-57-58-59-60-61-65-66-68-69-70-73-77-79-81-98-99-100-101-102-103-107-109-110-111-112
113-114-115-116-117-118-119-120-121-122-123-124-125-126-127-128-129-130-131-133-134-135-139-140
141-145-146-147-148-149-150-151-152-153-154-155-156-157-158-159-160-161-162-163-164-165-166-168
169-170-171-172-173-174-175-176-178-179-181-182-183-184-185-186-187-188-190-191-192-193-195-196
197-198-200-201-206-207-208-209-210-211-212-214-218-219-220-221-222-225-226-227-228-229-230-231
232-233-234-235-236-237-238-240-241-242-243-245-246-250-251-252-254-255-259-260-261-266-267-268-269
270-271



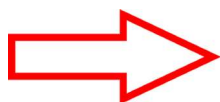
Used to read 64-Pin MCUs (Out of Circuit)

The module numbers in Zed-FULL that you can read and decode with this adapter, are listed below.

Module ;

2-10-12-71-104-132-143-239

**MC68HC908AB16A(L72A) - MC68HC08AZ32(J66D,1K59H,L72A),
MC68HC08AB16A(J66D) - MC68HC908AB32(L59X)**



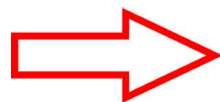
**Used to read 52-Pin
"BMW EWS-3" MCUs (In-Circuit)**

The module numbers in Zed-FULL that you can read and decode with this adapter, are listed below.

Module ;

51- BMW, Range Rover, Mini Cooper EWS3 ,

[MC68HC11EA9(0D46J-1D47J) 52pin]



**Used to read 52-Pin
BMW EWS-1-2-3 MCUs (Out of Circuit)**

The module numbers in Zed-FULL that you can read and decode with this adapter, are listed below.

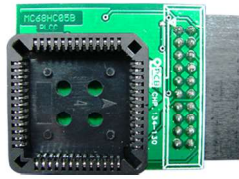
Module ;

**50- BMW, Range Rover, Mini Cooper EWS1 ,
51- BMW, Range Rover, Mini Cooper EWS3 ,
52- BMW, Range Rover, Mini Cooper EWS2 ,**

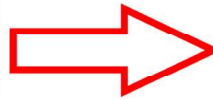
[MC68HC11EA9(0D46J-1D47J) 52pin]



"ZFH-EA5"
52 Pins MCU
ADAPTER



"ZFH-EA13"
52 Pins MCU ADAPTER
WITH SOCKET



**Used to read 52-Pin MCUs
(Out of Circuit)**

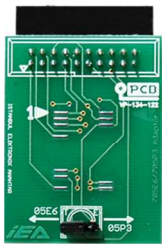
The module numbers in Zed-FULL that
you can read and decode with this adapter,
are listed below.

Module :

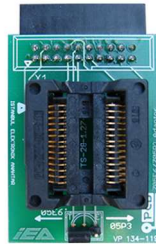
6-8-16-62-67-78-91-92-106-142

MC68HC05B6 (F10V-B91T-D33J-D60J)

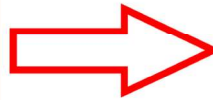
MC68HC705B32 (G96A-G41V-D59J)



"ZFH-EA6"
28 Pins MCU
PCB ADAPTER
(05E6/05P3)



"ZFH-EA8"
28 Pins MCU ADAPTER
WITH SOCKET
(05E6/05P3)



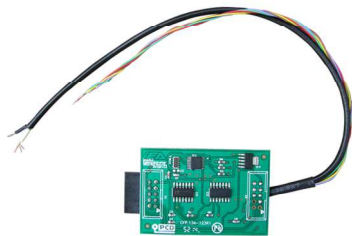
**Used to read 28-Pin MCUs
(Out of Circuit)**

The module numbers in Zed-FULL that
you can read and decode with this adapter,
are listed below.

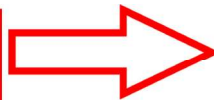
Module ;

9-74-75-137-194

MC68HC05E6 (F82B-G72G)



"ZFH-EA7"
(912/9S12/9S12X)
SECURITY MCU ADAPTER



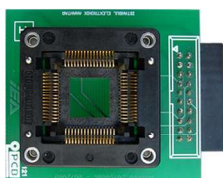
**Used to read MCUs by soldering wires
(no need to remove MCU)**

The module numbers in Zed-FULL that you can
read and decode with this adapter, are listed below.

Module ;

**108(EWS4) - 202(CAS1) - 203(CAS2) - 204(CAS3) - 205(CAS3+)
247(CAS1 Type2) - 248(CAS3 Type2) - 256(DODGE, Mercedes Sprinter)
263(BMW CAS4), 271(Audi A6/Q7 EZS)**

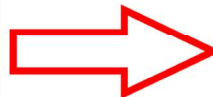
**MC9S12D64(2L86D), MC68HC912DG(0K50E), MC9S12DP256-
MC9S12DG256-MC9S12XDP512(2K79X-0L01Y-0L15Y-1L15Y)-
MC9S12XEP100(5M48H), MC9S12DG128(3L40K/1L59W)-MC9S12DG256(0L01Y)**



"ZFH-EA9"
64 Pins MCU ADAPTER
WITH SOCKET
(08AZ/AB, 908AS/AZ)



"ZFH-EA10"
64 Pins MCU
PCB ADAPTER
(08AZ/AB, 908AS/AZ)



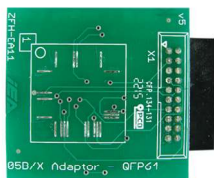
**Used to read 64-Pin MCUs
(Out of Circuit)**

The module numbers in Zed-FULL that
you can read and decode with this adapter,
are listed below.

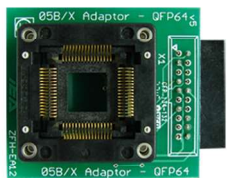
Module ;

2-10-12-71-104-132-143-144-239

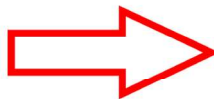
MC68HC908AZ60(1J35D-2J747)



"ZFH-EA11"
64 Pins MCU
PCB ADAPTER
QFP64(05B/X)



"ZFH-EA12"
64 Pins MCU ADAPTER
WITH SOCKET
QFP64(05B/X)



**Used to read 64-Pin MCUs
(Out of Circuit)**

**The module numbers in Zed-FULL that
you can read and decode with this adapter,
are listed below.**

Module :

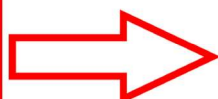
11-63-64-189

MC68HC05X16 (D62J), MC68HC05B16 (D60J)

MC68HC05X32 (1D69J)



"ZFH-C06"
RENAULT FLUENCE
MEGANE 3 - SCENIC 3
BCM CONNECTION CABLE



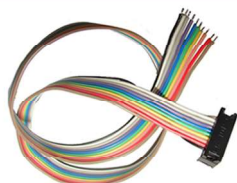
**Used to read MCUs by soldering wires
(no need to remove MCU)**

**The module numbers in Zed-FULL that you can
read and decode with this adapter, are listed below.**

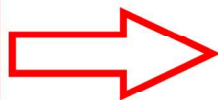
Module ;

213, 258

NEC D76F QFP 176 Pin, NEC 70F3633 QFP 176 Pin



"ZFH-C07"
10 Pins CONNECTION CABLE



**Used to read MCUs by soldering wires
(no need to remove MCU)**

**The module numbers in Zed-FULL that you can
read and decode with this adapter, are listed below.**

Module ;

13-14-94-95-96-105-216-217-224-249-262-264-265-270

("PCF7941" Chrysler Remote unlock application)

MC9S12DP256-MC9S12DG256(1K79X-0L01Y) 112 Pin,

MC68HC912DT128-MC68HC912DG128(0L05H-3K91D)

MC9S12H256(1K78X) 112 Pin, MC9S12XHZ512(1M80F) - MC9S12HZ256(3L16Y)

MC9S12DG128(1L40K) 112 Pin - MC9S12DG128 (3L40K) 80pin

Yamaha Moric MCU 30 pin, XC68HC9S12D60(4F73K) 112 Pin

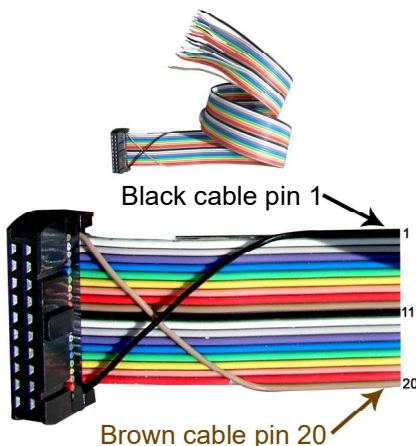
MC9S12XEG384 (1M12S-3M25J) QFP 112pin, NEC D70F3556 QFP 176pin,

MC9S12DG256(1K79X), QFP, 112pin



"ZFH-C07-2"
10 Pins CONNECTION CABLE

**ZFH-C08 MCU Programmer
20 Pins Cable**



QFP64 (08AZ/AB - 908AS/AZ)

**ZFH-C08-2 MCU Programmer
20 Pins Cable**



QFP64 (08AZ/AB - 908AS/AZ)



**Used to read MCUs
by soldering wires
(no need to remove MCU)**

**The module numbers in
Zed-FULL that you can
read and decode with this
adapter, are listed below.**

Module ; 10

MC68HC08AZ32(J66D-1K59H) 64pin



IEA

LEADING TRANSPONDER TECHNOLOGY



IEA **İstanbul Elektronik Anahtar**

İkitelli OSB. Mah. Tumsan 1.Kisim
6.Blok Sok. No:6
Basakşehir / İstanbul / Turkey

Phone: +90 212 485 56 56
Fax: +90 212 485 40 29

Email: info@istanbulanahtar.com
<http://www.istanbulanahtar.com>
<http://www.ieakeystore.com>