Lockdecoders

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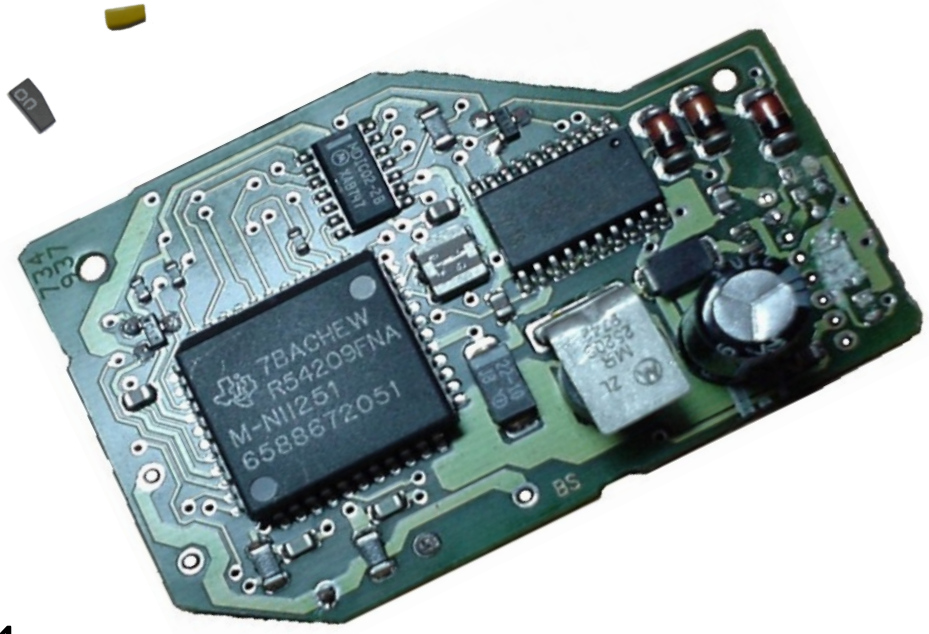
Detailed Eeprom List

MiraClone

Lockdecoders



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Application list for cars and module functions

Version : 3.66.00

Date : 16 Feb 2014

N°	Description	Precoding	Transponder	PIN Code	Remote
1	ALFA ROMEO / FIAT / LANCIA BSI	✓	✓	✓	
2	CITROEN / FIAT / PEUGEOT CODE 2 immobox Delphi	✓	✓	✓	
3	ALFA ROMEO / FIAT / LANCIA CODE 2 avec BSI Delphi	✓	✓	✓	
4	OPEL IMMO 2 Siemens		✓	✓	
5	SEAT / VW IMMO 2 Siemens		✓	✓	
6	SEAT / VW IMMO 3 Valeo		✓	✓	
7	CITROEN / FIAT / LANCIA / PEUGEOT immobox Delphi		✓		
8	ALFA ROMEO / IVECO CODE 1 immobox Bosch		✓		
9	ACUEA / HONDA immobox Megamos		✓		
10	HONDA / ROVER immobox Valeo		✓		
11	FIAT / LANCIA IMM001.01 immobox Marelli		✓		
12	FIAT / LANCIA IMM110.01 immobox Marelli		✓		
13	MERCEDES Sprinter, Vito immobox Temic		✓		
14	SEAT / SKODA / VW IMMO 1 immobox Siemens		✓	✓	
15	RENAULT immobox Valeo		✓	✓	
16	RENAULT / DACIA immobox Sagem		✓	✓	
17	RENAULT UCH Siemens		✓	✓	✓
18	BMW/ ROVER / MINI immobox EWS		✓		
19	TOYOTA immobox Type 1		✓		
20	TOYOTA / LEXUS immobox Type 2		✓		
21	TOYOTA Corolla ECU Bosch, Fujitsu		✓		
22	TOYOTA Yaris		✓		
23	TOYOTA Corona, Carina		✓		
24	RENAULT Laguna II		✓	✓	✓
25	IVECO Daily / IVECO Truck immobox Bosch			✓	
26	RENAULT Mégane, Scenic UCH			✓	
27	ALFA ROMEO CODE 2 immobox Bosch		✓		
28	MITSUBISHI immobox Bosch		✓		
29	VOLVO IMMO 3 Immobox Bosch		✓		
30	CITROEN / PEUGEOT immobox Valeo		✓		
31	MITSUBISHI immobox		✓		
32	DAIHATSU		✓		
33	AUDI immobox Delphi		✓		
34	NISSAN / SUBARU immobox Siemens		✓		
35	MERCEDES Sprinter, Vito immobox Temic		✓		
36	OPEL IMMO 1 immobox Siemens		✓	✓	
37	MITSUBISHI Bosch		✓		
38	CITROEN / FIAT / LANCIA / PEUGEOT CPH Texton		✓		
39	MAZDA immobox Temic		✓		
40	PEUGEOT 206 BSI Siemens			✓	
41	RENAULT immobox Siemens		✓		
42	MERCEDES ECU Actros, Atego ECU Temic		✓		
43	TOYOTA Yaris II Bosch		✓		
44	RENAULT UCH Sagem Type 2		✓	✓	✓
45	SUZUKI Grand Vitara		✓		
46	DAEWOO immobox		✓		
47	Motocycle PEUGEOT ECU Marelli		✓		

N°	Description	Precoding	Transponder	PIN Code	Remote
48	VOLVO IMMO 1 immobox Bosch		✓		
49	TOYOTA Avensis		✓		
50	SUZUKI Swift		✓		
51	CHRYSLER SKIM Type 2		✓		
52	NISSAN Siemens NATS-4		✓		
53	TOYOTA 25080 - 95080		✓		
54	ISUZU /OPEL immobox Megamos		✓		
55	FIAT BSI Siemens VDO	✓		✓	
56	FIAT Grande Punto BSI Delphi	✓		✓	
57	CITROEN / FIAT / PEUGEOT BSI Marelli Type 2	✓	✓	✓	
58	FIAT / LANCIA IMMO 1 Marelli	✓	✓	✓	
59	MOTOCYCLE YAMAHA immo MORIC		✓		
60	MAZDA 3 immo YNS		✓		
61	Motocycle SUZUKI ECU Keihin		✓		
62	Motocycle HONDA ECU Keihin		✓		
63	TOYOTA Avensis V2		✓		
64	ISUZU / OPEL immobox Megamos		✓		
65	BMW CAS remoteless		✓		✓
66	MAZDA 6 ECU Denso		✓		
67	RENAULT UCH Sagem Type 1		✓		✓
68	RENAULT Megane UCH Siemens		✓		
69	FORD ECU Visteon		✓		
70	MAZDA 6 ECU Mitsubishi		✓		
71	FORD PATS		✓		
72	HYUNDAI immo		✓		
73	FORD Focus Visteon		✓		
74	NISSAN NATS 5 Siemens		✓		
75	TOYOTA Yaris Bosch Type 3		✓		
76	HYUNDAI ECU Type 2		✓		
77	RENAULT UCH Johnson Contrôle		✓		✓
78	BMW EWS 4		✓		
79	KIA IMMOBOX		✓		
80	RENAULT Laguna II Sagem		✓		✓
81	Truck MAN TGA module FFR		✓		
82	MAZDA immo Lucas 19AS		✓		
83	MAZDA immobox Denso			✓	
84	Motocycle KAWASAKI ECU		✓		
85	OPEL immo 2 Siemens Type 2		✓		
86	CHERY immobox Siemens VDO		✓		
87	MITSUBISHI immo		✓		
88	ACURA immobox		✓		
89	MAZDA RX8 immo Visteon		✓		
90	KIA immobox Shinchang		✓		
91	Hyundai ECU Kefico		✓	✓	
92	FORD Galaxy		✓		
93	HONDA immobox HIS5		✓		
94	Motocycle DUCATI dashboard Marelli		✓		

N°	Description	Precoding	Transponder	PIN Code	Remote
95	MITSUBISHI immobox		✓		
96	FORD ECU Siemens		✓		
97	FORD / MAZDA ECU Siemens		✓		
98	KIA / HYUNDAI ECU Bosch		✓	✓	
99	KIA / HYUNDAI ECU Bosch Type 2		✓	✓	
100	Motocycle DUCATI dashboard Digitek		✓		
101	CHEVROLET / DAEWOO immobox		✓		
102	AUDI dashboard Magnetti Marelli		✓	✓	
103	AUDI dashboard VDO		✓	✓	
104	AUDI A8 dashboard VDO		✓	✓	
105	SAJPA / SAMAND immobox Siemens VDO		✓		
106	SUZUKI immobox Mitsubishi		✓		
107	CHRYSLER 300C immobox		✓		
108	SUZUKI Grand Vitara ECU		✓		
109	Truck RENAULT module Texton		✓		
110	TOYOTA immobox		✓		
111	TOYOTA immobox Type 2		✓		
112	TOYOTA immobox		✓		
113	TOYOTA immobox		✓		
114	TOYOTA immobox Type 2		✓		
115	SUZUKI immobox Mitsubishi		✓		
116	CHRYSLER 300C immobox Type 2		✓		
117	POLONEZ immobox Megamos		✓		
118	ACURA / HONDA immobox Valeo		✓		
119	FIAT / PEUGEOT / PIAGGIO / SEAT immobox Marelli		✓		
120	JAGUAR		✓		
121	FIAT / CITROEN /PEUGEOT immobox Siemens		✓		
122	CHEVROLET		✓		
123	MITSUBISHI Colt		✓		
124	SUBARU immo Mitsubishi		✓		
125	Motocycle YAMAHA ECU Mitsuba		✓		
126	VOLVO Cartronic Bosch		✓		
127	SKODA		✓		
128	SUZUKI ECU Denso		✓		
129	JEEP Liberty ECU		✓		
130	NISSAN / RENAULT UCH Johnson		✓		✓
131	FORD ECU Delphi		✓		
132	Motocycle APRILLIA dashboard Digitek		✓		
133	Motocycle KAWASAKI immobox Mitsubishi		✓		
134	FORD Puma ECU		✓		
135	CHEVROLET / OPEL ECU		✓		
136	MITSUBISHI immo Type 2		✓		
137	SAAB Twice		✓		
138	SAAB CIM		✓		
139	Truck DAF immo VDO		✓		
140	VW Golf IV RB8		✓		
141	MAZDA ECU Denso Type 2			✓	

N°	Description	Precoding	Transponder	PIN Code	Remote
142	IVECO Marelli	✓		✓	
143	VW Crafter EZS		✓		
144	SEAT VDO		✓		
145	ALFA ROMEO / FIAT BSI Marelli		✓		
146	CITROEN C4 BSI			✓	
147	RENAULT BSI Valeo		✓		
148	CITROEN C2 BSI			✓	
149	CITROEN C5 BSI			✓	
150	PEUGEOT BSI			✓	
151	CITROEN C3 BSI			✓	
152	CITROEN Berlingo BSI			✓	
153	CITROEN Xsara BSI			✓	
154	PEUGEOT 307 BSI			✓	
155	PEUGEOT 206 BSI			✓	
156	JAGUAR immo		✓		
157	CHEVROLET / DAEWOO immobox ID48 Type 2		✓		
158	SEAT / VW Marelli ID 48		✓		
159	JAGUAR immobox Type 2		✓		
160	VW Golf IV dashboard Motometer		✓		
161	FORD PATS Siemens		✓		
162	GM Pas clé 3 Delphi		✓		
163	TOYOTA immobox Type 4		✓		
164	PROTON / SSANGYONG ECU		✓		
165	MAZDA ECU Mitsubishi		✓		
166	FORD RFA Siemens module VDO		✓		
167	DAIMLER / CHRYSLER immobox Type 2		✓		
168	FORD dashboard Visteon Type 2		✓		
169	LINCOLN dashboard		✓		
170	PEUGEOT Partner BSI			✓	
171	VAG ECU EDC16	✓		✓	
172	VAG ECU Siemens SIMOS PPD1	✓		✓	
173	Truck RENAULT immobox ID46		✓		
174	SUZUKI Liana immobox ID46		✓		
175	SUZUKI Liana immobox ID66		✓		
176	Truck SCANIA ECU		✓		
177	FORD PATS SCP Control unit		✓		
178	VAG ECU Siemens ME7.x	✓		✓	
179	VAG ECU Siemens MED9.x	✓		✓	
180	VAG ECU Siemens Simos 7	✓		✓	
181	HYUNDAI ECU ID60		✓		
182	ISUZU immobox Tokai Rika		✓		
183	DAEWOO FSO immobox Texton		✓		
184	CHRYSLER / DAIMLER immobox Type 3		✓		
185	NISSAN NATS 6		✓		
186	NISSAN BCM		✓		
187	CITROEN Xsara BSI 95040			✓	
188	MAZDA ECU Type 2		✓		

N°	Description	Precoding	Transponder	PIN Code	Remote
189	MAZDA ECU Type 3		✓		
190	MAZDA ECU Type 4		✓		
191	FORD ECU Delphi		✓		
192	Motocycle PIAGGIO ECU		✓		
193	RENAULT UCH Johnson Control Type 2		✓		✓
194	Motocycle GILERA / PIAGGIO		✓		
195	LEXUS / TOYOTA immobox Type 3 ID68		✓		
196	ISUZU immobox Siemens VDO				✓
197	PORSCHE immobox ID13		✓		
198	GM Passkey 3 Delphi Type 3		✓		
199	Motocycle MOTO GUZZI dashboard Digitek		✓		
200	NISSAN Almera Classic dashboard Samsung		✓		
201	Motocycle BMW ECU Bosch		✓		
202	MERCEDES Benz ML AAM		✓		
203	MERCEDES Benz ML EAM		✓		
204	RENAULT Laguna III		✓		✓
205	PEUGEOT 406 BSI			✓	
206	RENAULT UCH Johnson Control Type 3		✓		✓
207	SUZUKI immobox Mitsubishi Type 2		✓		
208	CITROEN / FIAT / PEUGEOT BSI Marelli Type 3		✓	✓	
209	SSANGYONG immobox VDO		✓		
210	DAIHATSU immobox ID67		✓		
211	DAEWOO immobox ID48 Type 2		✓		
212	TOYOTA ECU Denso Type 2		✓		
213	OPEL BCM module HC912			✓	
214	OPEL REC module 95040			✓	
215	OPEL ECU Delphi Delco Y17DT			✓	
216	AUDI A8 dashboard VDO Type 2			✓	
217	RENAULT BCM Temic		✓		✓
218	VOLVO S80		✓		
219	VW Golf IV Motometer			✓	
220	AUDI A8 dashboard UNKSI			✓	
221	FORD PATS module control Type 2		✓		
222	RENAULT immobox Siemens Type 2		✓		
223	MITSUBISHI ID46		✓		
224	FORD Bosch ID4C		✓		
225	TOYOTA 89661-42670 ID4C		✓		
226	TOYOTA ECU Tokai Rika ID67		✓		
227	TOYOTA immobox 24C04 ID4C		✓		
228	AUDI A6 dashboard UNKSI			✓	
229	MITSUBISHI immobox ID46 Type 2		✓		
230	CHEVROLET / DAEWWOO immobox ID46		✓		
231	CITROEN BSI NEC		✓	✓	
232	FORD ECU Visteon ID4C		✓		
233	JAGUAR dashboard		✓		
234	TOYOTA ECU Tokai Rika ID67v2		✓		
235	KIA ECU Bosch		✓	✓	

N°	Description	Precoding	Transponder	PIN Code	Remote
236	MITSUBISHI Fuso ECU		✓		
237	OPEL Zafira dashboard		✓	✓	
238	HONDA immobox Valeo ID46 Type 2		✓		
239	DACIA / RENAULT immobox Siemens		✓		
240	VW Golf IV Motometer Type 2			✓	
241	GM module BCM		✓		
242	FORD Transit Siemens VDO		✓		
243	FORD Connect dashboard		✓		
244	FORD PATS module control Type 2		✓		
245	JEEP Grand Cherokee 2005 immobox Type 4		✓		
246	BMW CAS 4 ID47		✓		
247	Motocycle DUCATI DIGITEK ID12		✓		
248	SUBARU ID4D-62		✓		
249	PEUGEOT 30 BSI 95128		✓	✓	
250	OPEL immobox Mitsubishi ID46		✓		
251	PEUGEOT BSI			✓	
252	FORD Immobox 3		✓		
253	CHERY ECU			✓	
254	TATA Safari		✓		
255	PROTON Immobox		✓		
256	SSANGYOUNG Immobox Mototech		✓		
257	PEUGEOT Keypad/ CITROEN			✓	
258	MITSUBISHI Immobox ID60		✓		
259	MITSUBISHI Immobox ID61		✓		
260	HONDA Ignition Lock immobox		✓		
261	FORD/MAZDA Immobox Mitsubishi		✓		
262	FORD Ranger ECU		✓	✓	
263	PEUGEOT BSI Johnson control		✓		
264	KIA/HYUNDAI Immobox ID60		✓	✓	
265	VW Passat 3C B6/CC Comfort Module		✓	✓	
266	AUDI/SEAT/SKODA VW		✓		
267	CADILLAC/CHEVROLET/GMC/HUMMER		✓		
268	KIA immobox		✓		
269	HONDA immobox		✓		
270	VW immobox Delphi		✓	✓	
271	PEUGEOT BSI Valéo 95160			✓	
272	PORSCHE Cayenne/VW Touareg (<2008)		✓	✓	
273	SCANIA Truck		✓		
274	Skoda Fabia 2000>		✓	✓	
275	SKODA Octavia 2001>		✓	✓	
276	SEAT Toledo 1999>		✓	✓	
277	AUDI A4		✓		
278	KAWASAKI Jet Ski Ultra UD62		✓		
279	PROTON Savvy		✓		
280	PORSCHE Cayenne/VW Touareg (<2008)		✓	✓	
281	SUZUKI SX4 2012>		✓		
282	OPEL Vectra C			✓	

N°	Description	Precoding	Transponder	PIN Code	Remote
283	ISUZU Immobox Tokai Rika ID4C		✓		
284	ISUZU/TOYOTA		✓		
285	MERCEDES Atego ECU/Actros ECU		✓		
286	NISSAN/RENAULT UCH Johnson Control Type 2 ID46		✓		✓
287	CHANGAN immobox ID4D		✓	✓	
288	FIAT dashboard Marelli ID48		✓	✓	
289	OPEL Corsa D			✓	
290	SUZUKI ECU ID46		✓		
291	MITSUBISHI Module Etacs ID46		✓		
292	VW NEW Beetle (1998-07) ID48		✓	✓	
293	ROEWE GIM ID46		✓		
294	VOLVO Module CEM Type 2 ID48		✓		
295	VW dashboard VDO		✓	✓	
296	CITROEN Xantia (1999-01) Immo TEXTON ID48		✓	✓	
297	MAZDA ECU Denso ID63		✓		
298	VW Passat 6/CC Keyless Module Comfort ID46		✓	✓	
299	LAND ROVER Immobox Sawdoc ID46		✓		
300	HONDA ECU ID48		✓		
301	SKODA Fabia dashboard VDO Type 2 ID48		✓	✓	
302	PSA BSI 95128 Type 6			✓	
303	PSA BSI 95182 Type 7			✓	
304	Alfa Romeo/Fiat EZS ID46		✓	✓	
305	RENAULT Immobox Siemens ID4D		✓		
306	KIA / HYUNDAI ECU ID46		✓	✓	
307	KIA / HYUNDAI ECU Bosch Type 2 ID46		✓	✓	
308	GM Pektron SCU				✓
309	SUBARU Immobox Denso ID4D 64		✓		
310	Fiat BSI Marelli type 4 ID:46		✓	✓	✓
311	Agusta Brutale dashboard ID:4D-60		✓		
312	Mazda Siemens VDO ID:4D-63		✓		
313	KTM bikes immobox ID:4D-60		✓		
314	Chevrolet immobox ID:4D-60		✓		
315	Mazda ECU Mitsubishi ID:12		✓		
316	Mazda ECU Denso ID:33		✓		
317	Mazda ECU Mitsubishi ID:33		✓		
318	Honda, Acura ECU ID:13		✓		
319	BMW bikes engine ECU ID:46		✓		
320	Hyundai BCM Siemens VDO ID:46		✓	✓	
321	Mercedes DAS-2 IR system		✓		
322	Mazda 6 diesel ECU Denso ID:4D-63		✓		
323	VW Passat VDO Type 2 ID48		✓	✓	
324	Yamaha Immobox Moric Type 2 ID69 with D3 cable		✓		
325	Renault, Dacia, BCM Johnson Controls		✓		
326	PSA BSI 95128 Type 8			✓	
327	Tata Immobox		✓		
328	MB Siemens SWK4 736 91D69J) IFZ		✓		
329	MB Siemens SWK4 688 (0D53J/ 0D62J) IFZ		✓		

N°	Description	Precoding	Transponder	PIN Code	Remote
330	MB Siemens SWK4 8697 (1D69J) IFZ		✓		
331	GM BCM Module type 2		✓	✓	
332	Jaguar dashboard type 2 ID 60/3		✓		
333	PSA EDC 17 ECU			✓	
334	PSA BSI 95128 Type 10			✓	
335	FAW Group ID 4D60		✓		
336	Ford Galaxy ECU Visteon ID44		✓		
337	PSA BSI 95128 type 11			✓	
338	Renault Avantime BSI ID4D60		✓		
339	Ducati Panigale Immobox Zadi ID4D60		✓		
340	Fiat Sedici immobox Siemens		✓		

N°	Description	Precoding	Transponder	PIN Code	Remote

What is a MiraClone?

A MiraClone is a specialised and versatile device which allows a locksmith to copy the chips [transponders] which are in the head of most modern keys for cars, vans, trucks and MOTOCYCLEs.
There are 3 ways in which you can use a Miraclone:

Chip copying
Chip generating
Eeprom functions

What do we mean by the word transponder – it is the same as a chip. The word is made up from **Trans**-mit and Res-**ponder**. Most vehicles from 1996 onwards have security devices to stop theft. They use the transmit and respond technology to allow the engine management system [ECU] on the car or the immobiliser to reply to the chip in the key or remote key. The ECU understands a code which has been entered on [programmed] to the chip in the key. They must match or the vehicle will not start.
Not all vehicles use the same type of chip – there are many different ones. Some basic chips can be programmed to work with different manufacturers systems – that is chip generating.

Chip copying.

This is also called transponder copying, cloning or duplicating – they are all the same process. People just use different words for the same thing.

Chip generating

What do we mean by **chip generating**? It is the method which MiraClone uses to convert standard chips to match the special requirements of various vehicle makes and models. What it means to the locksmith is that you do not have to buy keys with chips from the manufacturer or main agent but instead you have a small box of chips and buy blank shells. There is a huge difference in your cost on a job.
Most of the new vehicles are using "**encrypted**" [made secure] technology. Manufacturers such as Ford, Mazda, VW, Audi and Toyota lock the chip to make it unreadable for copying. MiraClone can unlock most of these because of our advanced technology. MiraClone recognises which manufacturer it is, reads the chip, unlocks the chip [we use several ways to do that] and so makes it ready to copy to a new chip.

Eeprom reading

Lastly we can do still more by "**eeprom reading**" – brilliant if there is no key to copy from. An eeprom is a tiny electronic circuit which is in the ECU or immobiliser device. For that you need an eeprom reader – there are many on the market and they are not expensive. They will read the data about the key so that the Miraclone can use that data to code a new chip. The quality and capabilities of eeprom readers are getting better every year.
Miraclone is a bolt-on solution. You start with the base unit and add only the functions that you need. Those functions come as Packages which have lots of modules in them. Each module is a model of car or van or truck or bike. So our Package 4 does all of the chip generating. The Basic Cloning Package sets you up to be able to bolt-on various packages such as Package 1 – TPX2 chips as used by Ford, Toyota and others. Another bolt-on is the Package which allows you to copy 8C chips for Mazda, Proton and Ford Ranger. We have others. None cost a lot of money and all are **UPDATED FREE OF CHARGE** as we improve our systems. We see no end to the number of eeprom packages that we will produce because we have continual research as new car models come along. That research also enables us to add to older packages and again if you have bought one of those all **UPDATES ARE FREE OF CHARGE** so you are always getting new techniques.

The base unit does fixed code copying and can even copy some encrypted chips. Bolt-on Package 2-0 and you are ready to add modules for all sorts of eeprom work. If you want to do Japanese bikes there is a package, Toyota is another, Hyundai/Kia, Chinese cars, USA cars, Trucks - they are all among the over 20 packages we can offer and those cover **over 1300 models of car, truck, van and MOTOCYCLE**. And remember **FREE UPDATES**.
Very special is the **8C chip copying** package which allows you to copy chips for Mazda, Proton and Ford Ranger. It was thought for a long time that this would never be possible and we are the first in the world to offer this. It copies onto a simple carbon chip of our own manufacture.
All of the **chip generating** is contained in our Package 4 but we supply this **free** to any user who has original AD100Pro, TCodePro or MVP Pro. Not the Chinese copies as our system does not "see" them.
And now we present the MiraClone **Tree of Knowledge:**

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