

VVDI *KEY TOOL*

REMOTE UNLOCK
WIRING DIAGRAM

Version number v1.02 2017.7.17

Keytool wiring function definition



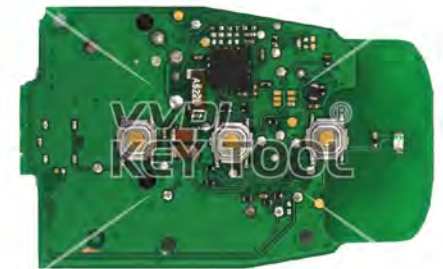
NXP transponder pin definition

Transponder type	GND	SDA	VCC	SCL
PCF7941	19	11	4	10
PCF7961	19	9	4	8
PCF7952	11	22	8	21
PCF7945	13	26	10	25
PCF7953	13	26	10	25

Audi Universal type

Key Information	Key Adapter	Chip Number	Note
PCB1 8T0959754 433 Remote	[5 AUDI]	7945	PCB No.233.423.111-02
PCB1 8T0959754A 315 Remote	[5 AUDI]	7945	PCB No.233.423.111-02
PCB1 8T0959754D 868 Remote	[5 AUDI]	7945	PCB No.233.423.111-02
PCB1 8T0959754F 433 Smartkey	[5 AUDI]	7945	PCB No.233.423.111-02
PCB2 8T0959754 433 Remote	[5 AUDI]	7945	PCB No.233.453.111-05/06
PCB2 8T0959754D 868 Remote	[5 AUDI]	7945	PCB No.233.453.111-05/07
PCB2 8T0959754F 433 Smartkey	[5 AUDI]	7945	PCB No.233.453.111-05/08
PCB2 8T0959754G 315 Smartkey	[5 AUDI]	7945	PCB No.233.453.111-05/09

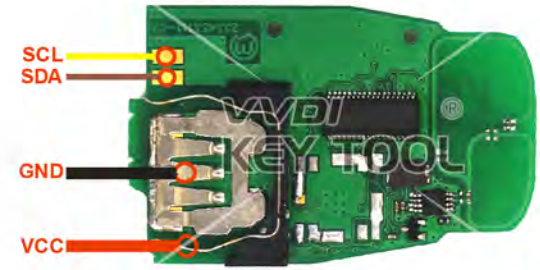
* Universal type supports any 5th generation key, please use universal type to test if selected data can not work



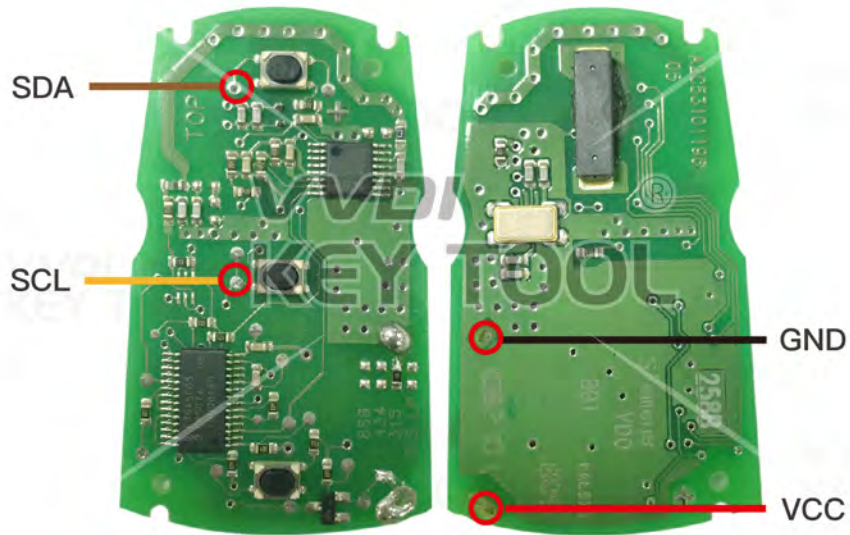
Audi Universal type

Key Information	Key Adapter	Chip Number	Note
PCB2 4H0959754G 315 Smartkey	[5 AUDI]	7945	PCB No.233.453.111-05/10
PCB2 4H0959754K 868 Smartkey	[5 AUDI]	7945	PCB No.233.453.111-05/11
PCB2 4G0959754G 315 Smartkey	[5 AUDI]	7945	PCB No.233.453.111-05/12
PCB2 4G0959754K 868 Smartkey	[5 AUDI]	7945	PCB No.233.453.111-05/13
PCB3 4H0959754DA 433 Smartkey	[5 AUDI]	7945	PCB No.233.453.211-01/02
PCB3 4H0959754DB 315 Smartkey	[5 AUDI]	7945	PCB No.233.453.211-01/02
PCB3 4H0959754DD 868 Smartkey	[5 AUDI]	7945	PCB No.233.453.211-01/02

* Universal type supports any 5th generation keys, please use universal type to test if selected data can not work

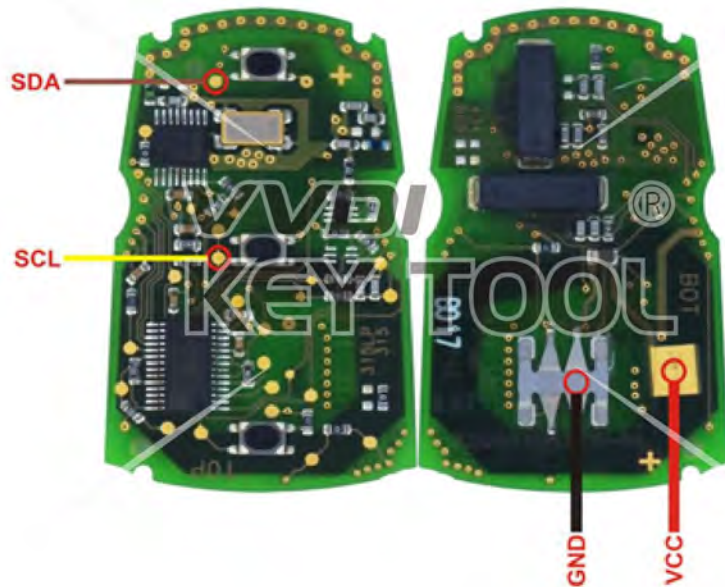


BMW CAS3 Remote



Key Information	Key Adapter	Chip Number
5WK49125 E Series 868MHz Remote	[8 BMW-E]	7945
5WK49127 E Series 315MHz Remote	[8 BMW-E]	7945





BMW CAS3 Smartkey

Key Information	Key Adapter	Chip Number
5WK49145 E Series 868MHz Smartkey	[8 BMW-E]	7953
5WK49147 E Series 315MHz Smartkey	[8 BMW-E]	7953



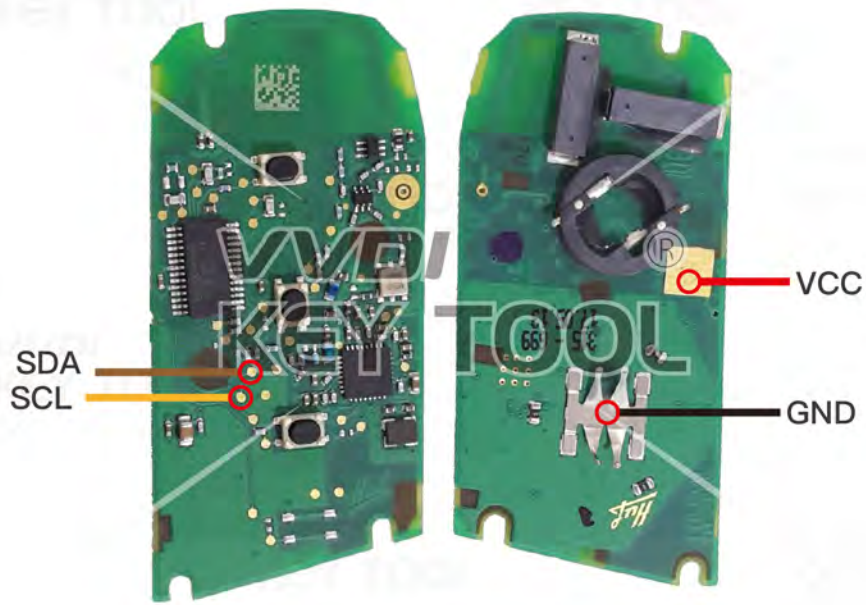


BMW

BMW F series Smart
Provided by Continental

Key Information	Key Adapter	Chip Number
5WK49661 F Series 868MHz Continental		7953
5WK49663 F Series 315MHz Continental		7953
5WK49662 F Series 434MHz Continental		7953





BMW

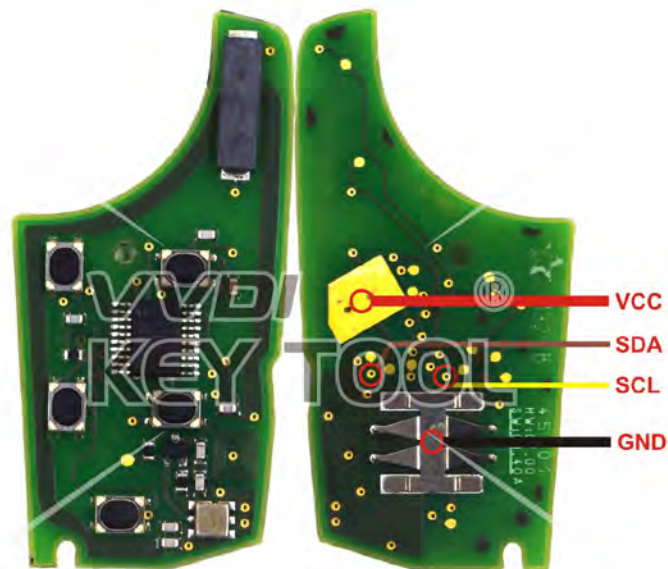
BMW F series Smart
Provided by Huf

Key Information	Key Adapter	Chip Number
HUF5661 F Series 868MHz Huf	[7 BMW-F]	7953
HUF5662 F Series 315MHz Huf	[7 BMW-F]	7953
HUF5663 F Series 434MHz Huf	[7 BMW-F]	7953
HUF5667 F Series 434MHz Huf	[7 BMW-F]	7953



Common remote

BUICK/CHEVROLET

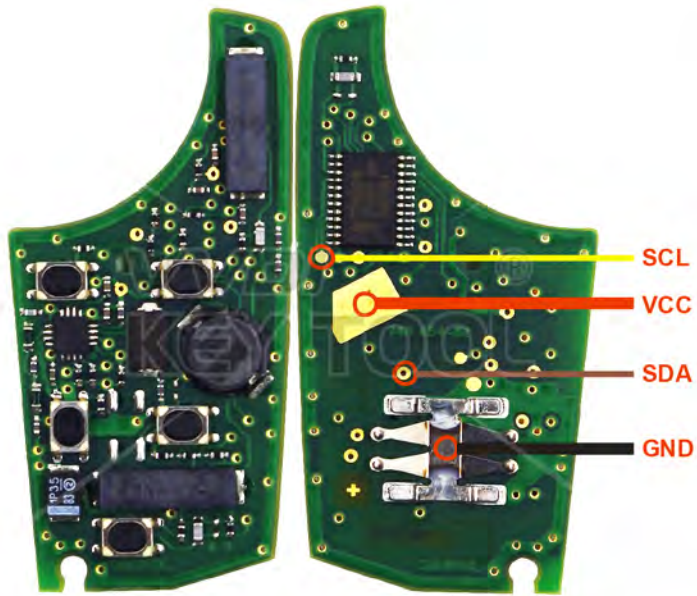


Key Information	Key Adapter	Chip Number
Type1 2-button 433MHz		7941
Type2 CorsaD-2-button 433MHz		7941
Type3 2-button 434Mhz		7941
Type3 5-button 315Mhz		7941
Type3 4-button 315Mhz		7941
Type4 2-button 433Mhz F41E30		7941
Type4 3-button 433Mhz F41E30		7941



Smartkey

BUICK/CHEVROLET



Key Information	Key Adapter	Chip Number
Type5 4-button 315Mhz F7952E	[9 BUIC]	7952
Type5 5-button 315Mhz F7952E	[9 BUIC]	7952
Type5 5-button 433Mhz F7952E	[9 BUIC]	7952
Type5 4-button 433Mhz F7952E	[9 BUIC]	7952
Type5 3-button 433Mhz F7952E	[9 BUIC]	7952

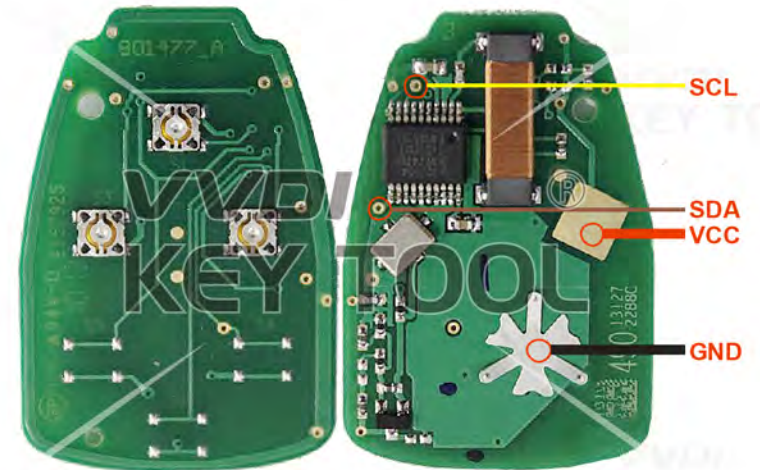


OHT692713AA

Chrysler/JEEP/Dodge

Key Information	Key Adapter	Chip Number
OHT692427AA(2005)		7941
OHT692713AA		7941
Support vehicle models		

2004–2007 Chrysler Town&Country 2004–2007 Dodge Caravan
 2004–2007 Dodge Grand Caravan



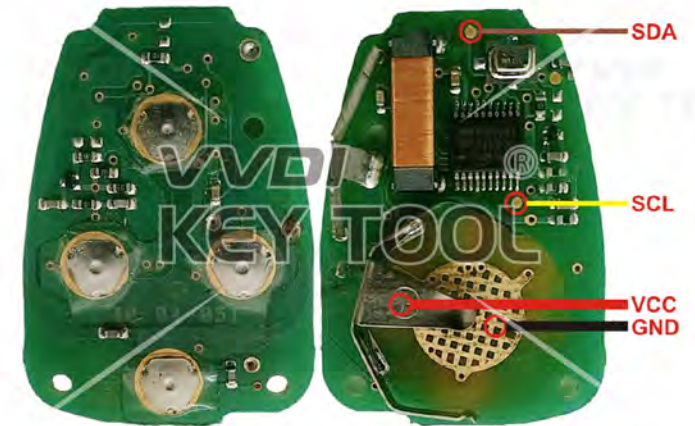
KOBOT04A

Chrysler/JEEP/Dodge

Key Information	Key Adapter	Chip Number
KOBOT04A		7961

Support vehicle models

- | | |
|--------------------------|-------------------------------|
| 2007—2009 Chrysler Aspen | 2005—2007 Chrysler 300 |
| 2005—2007 Dodge Durango | 2007—2011 Dodge Dakota |
| 2007—2009 Dodge Ram | 2007—2013 Dodge Avenger |
| 2005—2007 Dodge Charger | 2007—2012 Dodge Caliber |
| 2005—2007 Jeep Commander | 2005—2007 Jeep Grand Cherokee |



IYZ-C01C M3N5W783X

Chrysler/JEEP/Dodge

Key Information	Key Adapter	Chip Number
IYZ-C01C		7961
M3N5W783X		

Support vehicle models

2008–2011 Chrysler 300	2008–2013 Chrysler Town&Country
2010–2013 Dodge Caravan	2008–2013 Dodge Charger
2008–2013 Dodge Challenger	2011–2013 Dodge Durango
2008–2012 Dodge Grand Caravan	2008–2011 Dodge Journey
2008– Dodge Magnum	2009–2013 Dodge RAM
2008–2010 Jeep Commander	2011–2013 Jeep Grand Cherokee
Chip silkprint: 567.738.031	



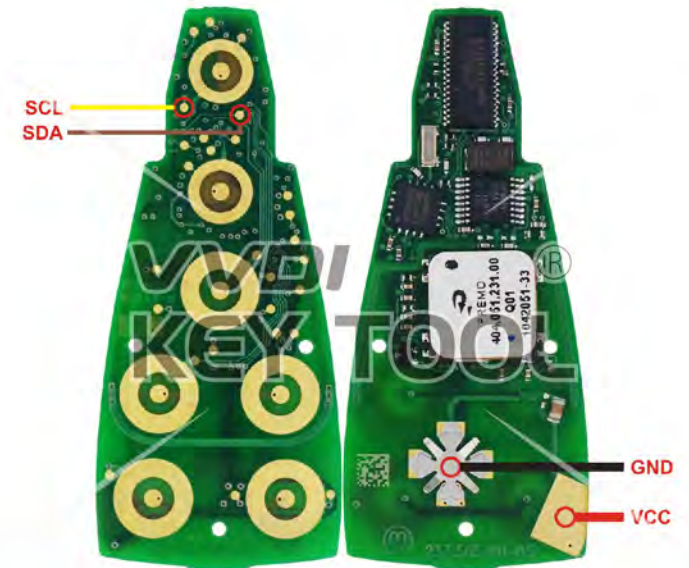
IYZ-C01C Smartkey

Chrysler/JEEP/Dodge

Key Information	Key Adapter	Chip Number
IYZ-C01C Smartkey		7945

Support vehicle models

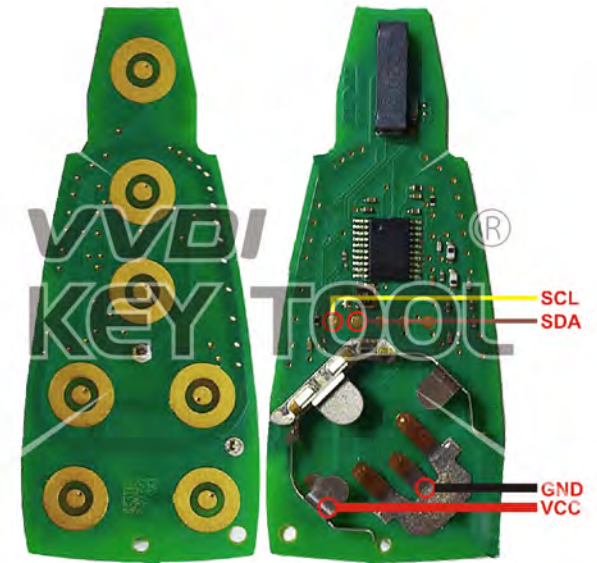
2008–2011 Chrysler 300	2008–2013 Chrysler Town&Country
2010–2013 Dodge Caravan	2008–2013 Dodge Charger
2008–2013 Dodge Challenger	2011–2013 Dodge Durango
2008–2012 Dodge Grand Caravan	2008–2011 Dodge Journey
2008– Dodge Magnum	2009–2013 Dodge RAM
2008–2010 Jeep Commander	2011–2013 Jeep Grand Cherokee
Chip silkprint: 567.737.061	



GQ4-53T

Chrysler/JEEP/Dodge

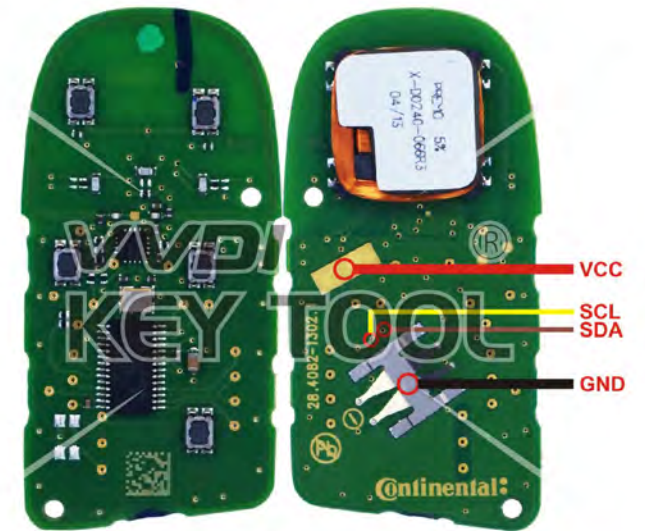
Key Information	Key Adapter	Chip Number	Note
GQ4-53T Hitag2		7961	Chip silkprint:61c700

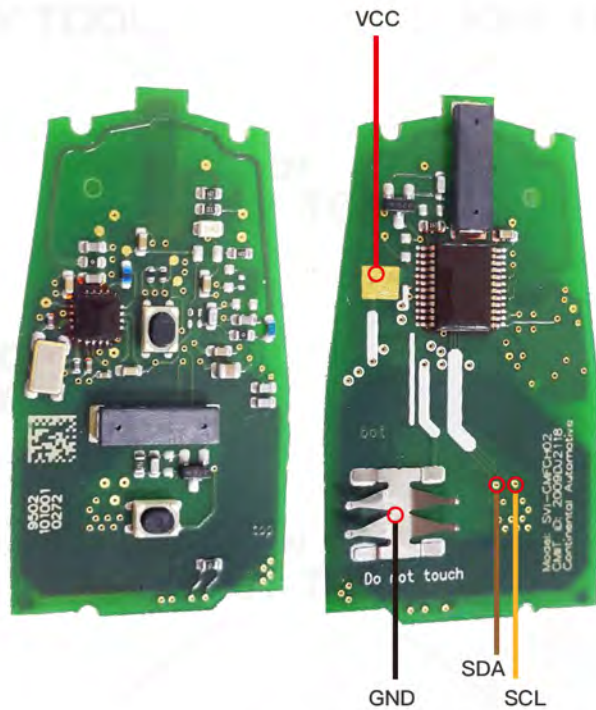


M3M

Chrysler/JEEP/Dodge

Key Information	Key Adapter	Chip Number	Note
M3M	[1 MAST]	7953	Chip silkprint:F7953MC



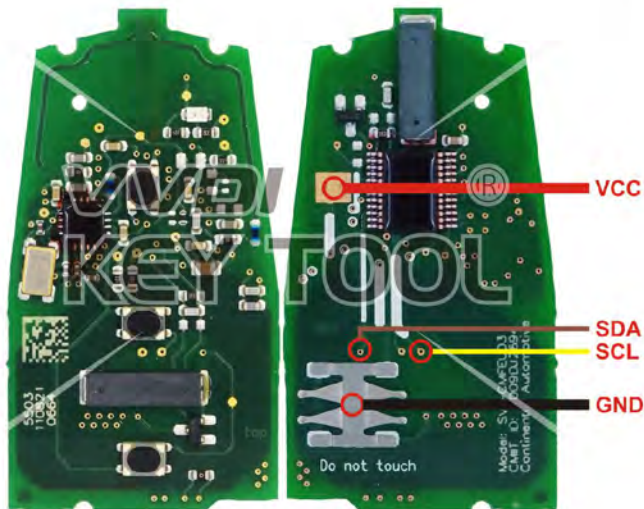


Hyundai/KIA SVI-CMFCH02

Key Information	Key Adapter	Chip Number	Note
SVI-CMFCH02	[11 HYUD-1]	7952	After 2009 Most Hyundai/Kia 2-button Smartkey Chip silkprint:049620C03



Hyundai/KIA SVI-CMFEU03

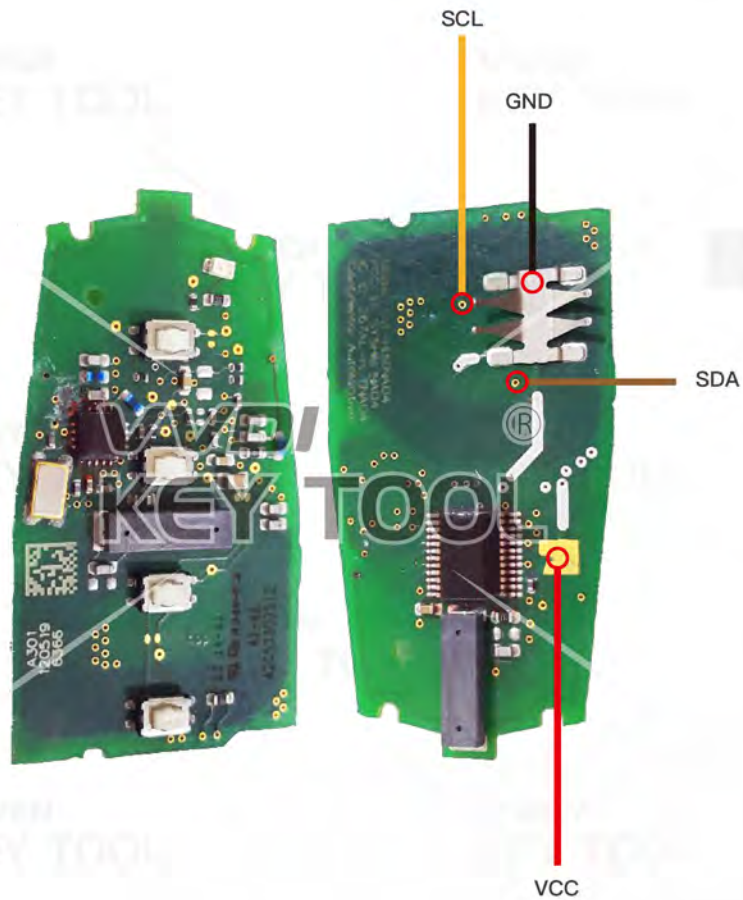


Key Information	Key Adapter	Chip Number	Note
SVI-CMFCH03	[11 HYUD-1]	7952	After 2009 Most Hyundai/Kia 3-button Smartkey Chip silkprint:049620C03



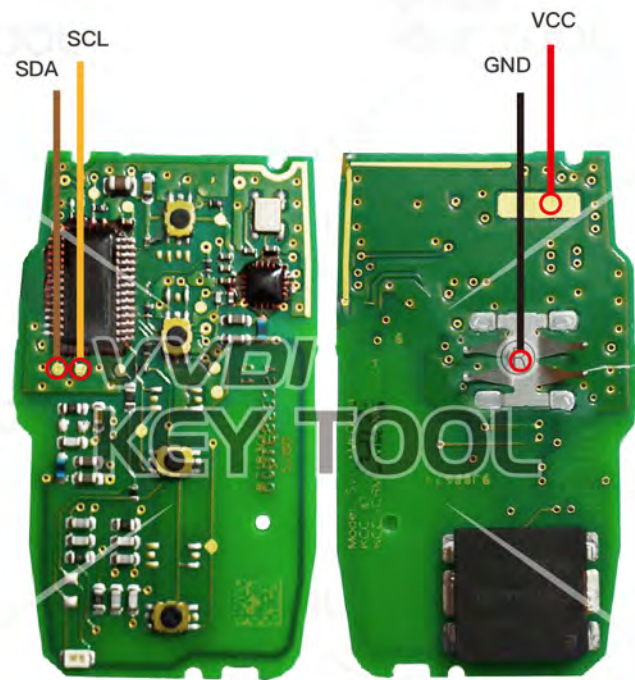
SVI-HMFNA04
 SVI-HMFEU04
 SVI-HMFKR04

Hyundai/KIA



Key Information	Key Adapter	Chip Number	Note
SVI-CMFCH03	[11 HYUD-1]	7952	After 2009 Most Hyundai/Kia
SVI-HMFEU04		7952	3-button Smartkey
SVI-HMFKR04		7952	Chip silkprint:049620C03





Hyundai/KIA SVI-XMFGE04

Key Information

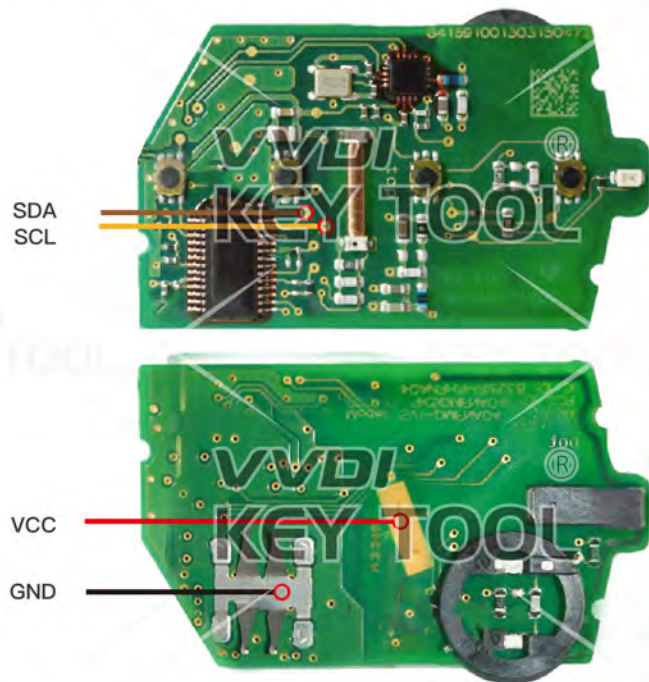
Key Adapter

Chip Number

SVI-XMFGE04

7952





Hyundai/KIA

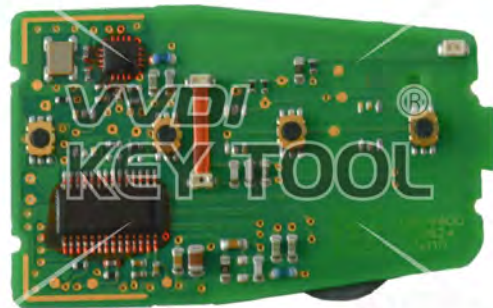
SVI-KHFGE04
SVI-KHFNA433

Key Information	Key Adapter	Chip Number
SVI-KHFGE04		7952
SVI-KHFNA433		7952



Hyundai/KIA

SVI-DMFGE04
SVI-DMFNA04



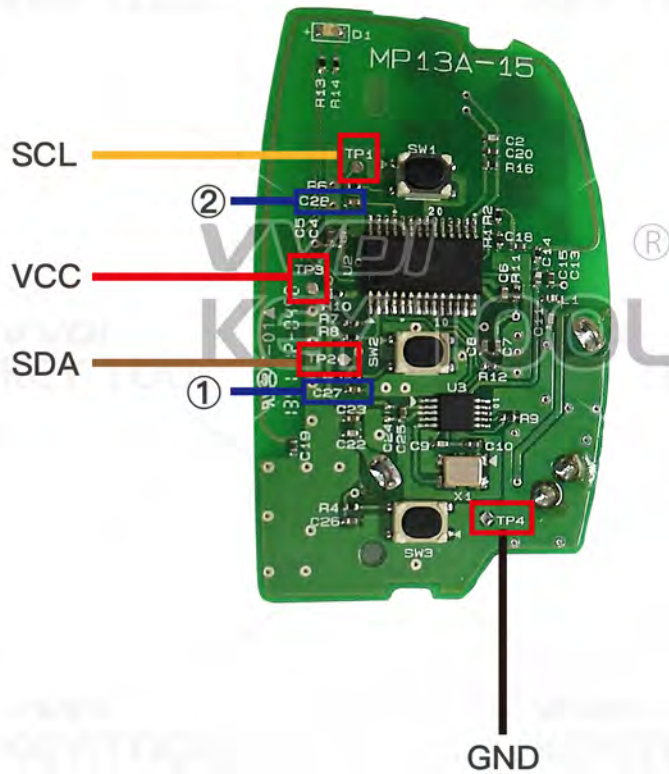
SDA
SCL
GND
VCC

Key Information	Key Adapter	Chip Number
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SVI-DMFGE04
SVI-DMFNA04

7952
7952

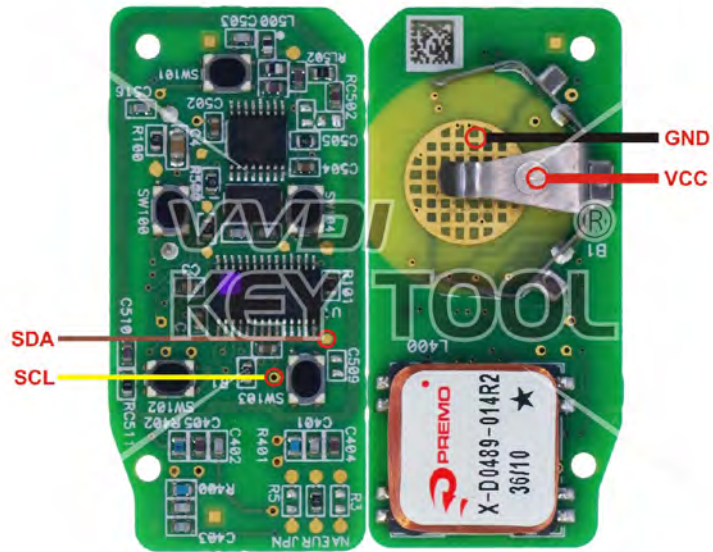




Hyundai/KIA MP13A-15

Type	Frequency	Transponder	Note
MP13A-15 Smartkey	433	7953	Please remove the C27 and C28 components of legend ① and legend ②





LAND ROVER 5E0U40247 (434MHz)

Key Information	Key Adapter	Chip Number
5E0U40247(434MHz)		7953

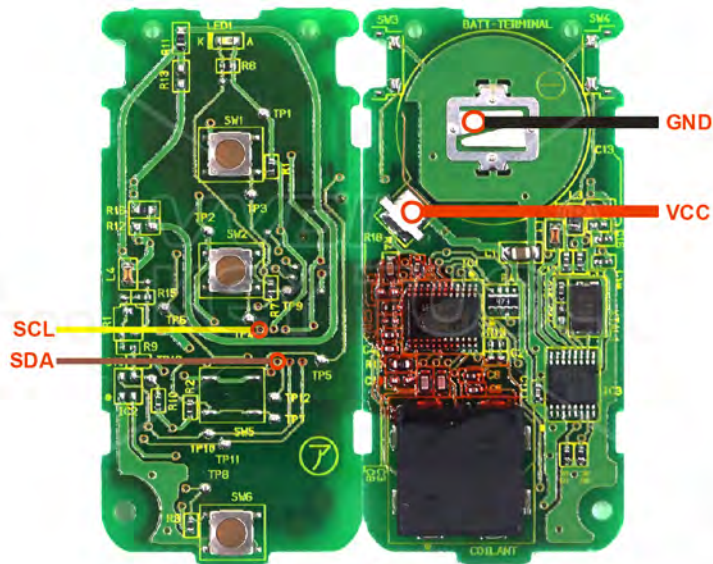


LAND ROVER

YWX000061 (434MHz) Visteon / YWX000071 (315MHz) Visteon

Key Information	Key Adapter	Chip Number
YWX000061(434MHz)Visteon		7941
YWX000071(315MHz)Visteon		7941





Mitsubishi G8D-644M-KEY (434MHZ)

Key Information	Key Adapter	Chip Number
G8D-644M-KEY(434MHZ)		7953



NISSAN Hitag2/Hitag3 Smartkey

Key Information	Key Adapter	Chip Number	Note
315MHz Hitag2 Smartkey-A2C53188764		7953	PCB No.A2C53188764
315MHz Hitag2 Smartkey-A2C53297341		7953	PCB No.A2C53297341
433MHz Hitag3 Smartkey-A2C53405173	[2 NISS]	7953	PCB No.A2C53405173
433MHz Hitag3 Smartkey-A2C53408715		7953	PCB No.A2C53408715



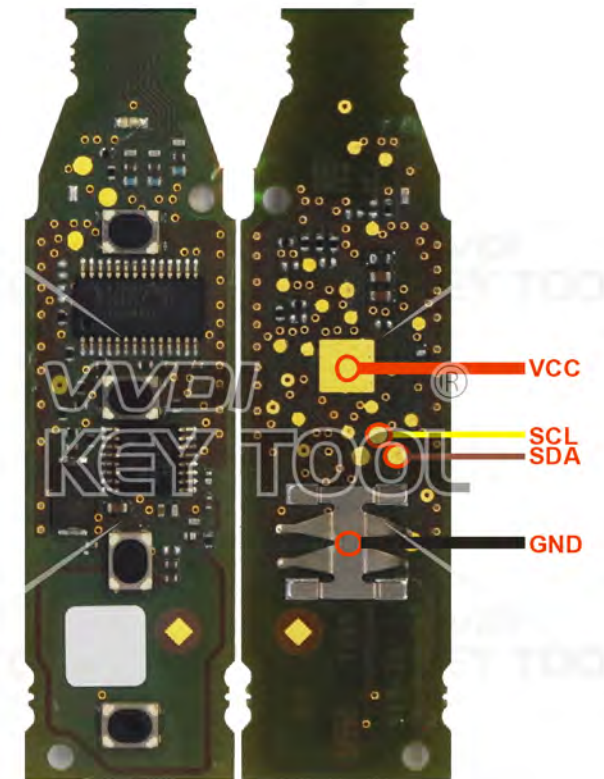
NISSAN AES Smartkey

Key Information	Key Adapter	Chip Number	Note
433MHz Hitag-AES Smartkey -A2C32801600		7953	PCB No.A2C32801600



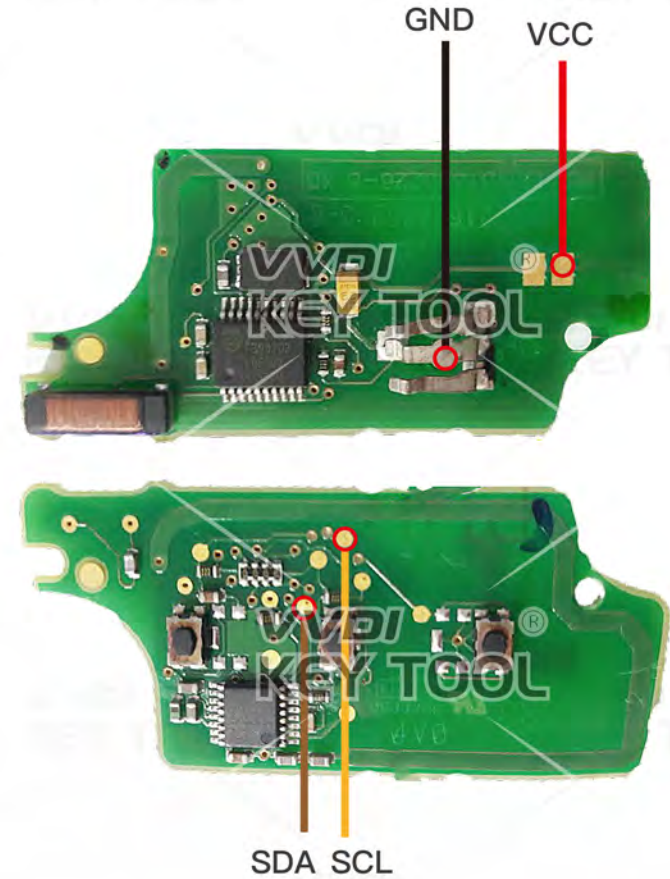
Porsche

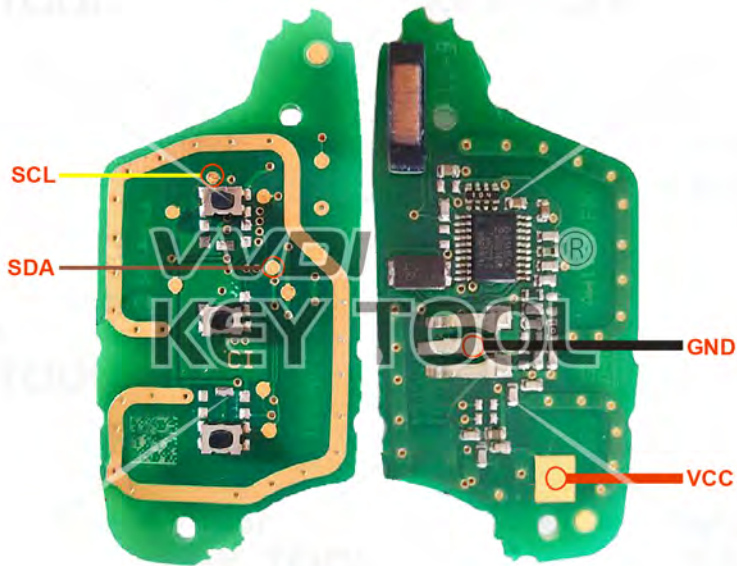
Key Information	Key Adapter	Chip Number
7PP959753BN 434MHz	[4 POSC]	7953
7PP959753BS 434MHz	[4 POSC]	7953
7PP959753BM 315MHz	[4 POSC]	7953
7PP959753BQ 315MHz	[4 POSC]	7953
7PP959753AJ 434MHz	[4 POSC]	7953



PSA Citroen 3 buttons C5

Key Information	Key Adapter	Chip Number
E28CI01B		7941
E25CI009		7941
E33CI002		7941
21676652		7941





Renault

AK010008 Fluence
3Btn (433MHz)

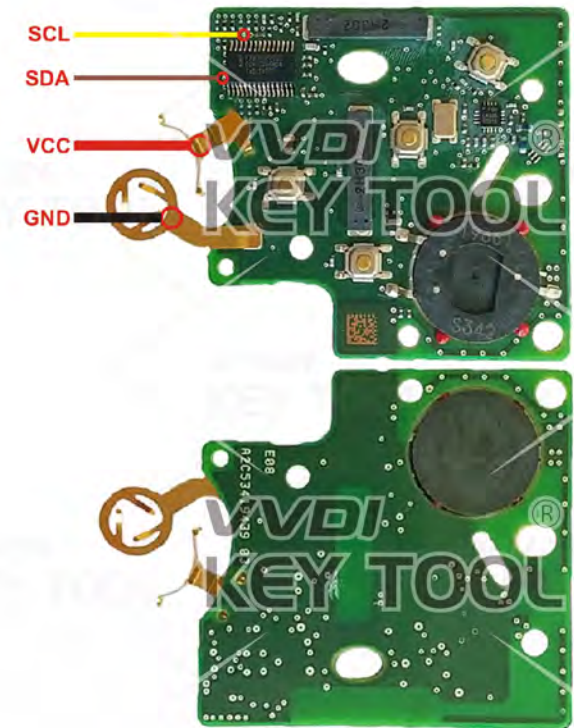
Key Information	Key Adapter	Chip Number
AK010008 Fluence 3Btn(433MHz)		7961



Renault

285971998R Smartkey
(Hitag—AES 433MHz)

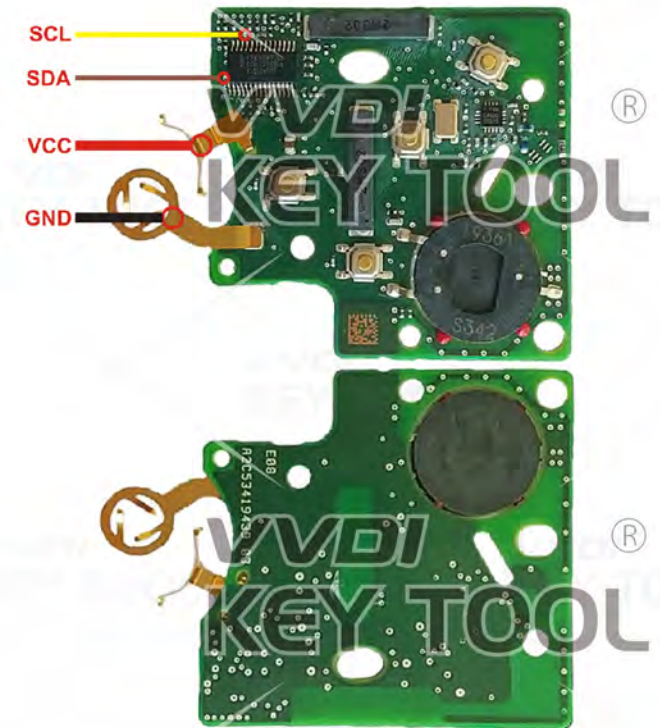
Key Information	Key Adapter	Chip Number
285971998R Smartkey (Hitag—AES 433MHz)		7952



Renault

285974100 Remote
(Hitag—AES 433MHz)

Key Information	Key Adapter	Chip Number
285974100 Remote (Hitag—AES 433MHz)		7953

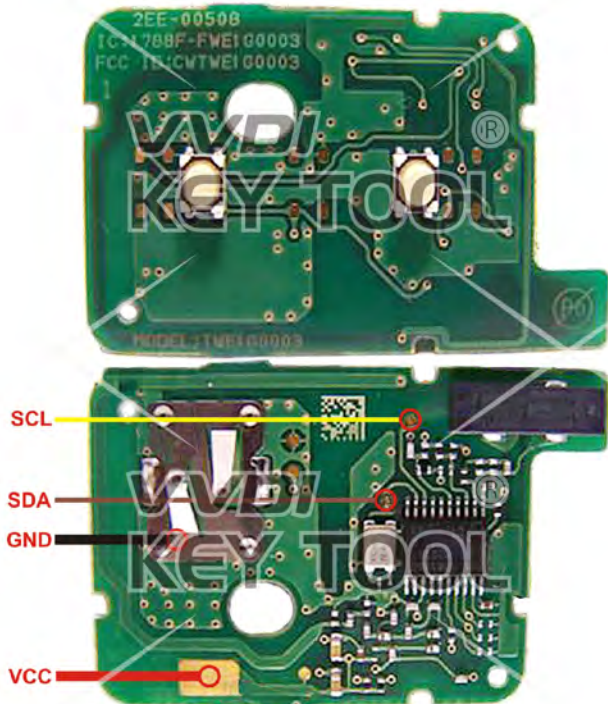




Renault 805673071R (2 BTN 433MHz)

Key Information	Key Adapter	Chip Number
805673071R(2 BTN 433MHz)		7961





Renault

805673071R
(2 BTN 433MHz)

Key Information	Key Adapter	Chip Number
805673071R(2 BTN 433MHz)		7961



Renault 285970036R (Hitag2-433MHz)

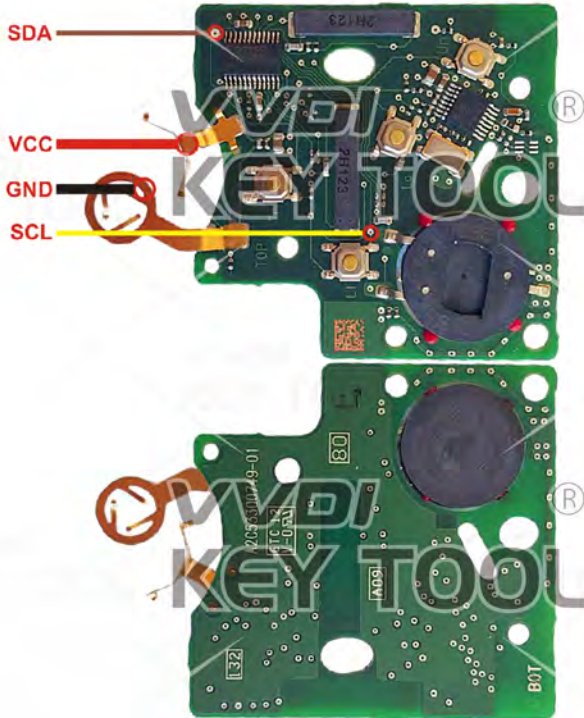
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285970036R(Hitag2-433MHz)		7953



Renault

285975779R Smartkey
433MHz

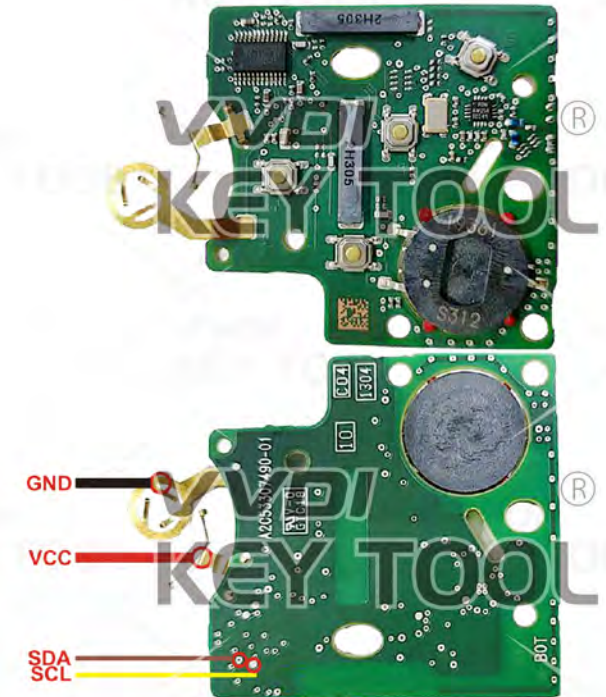
Key Information	Key Adapter	Chip Number
285975779R Smartkey 433MHz		7953



Renault

285979045R Smartkey
433MHz

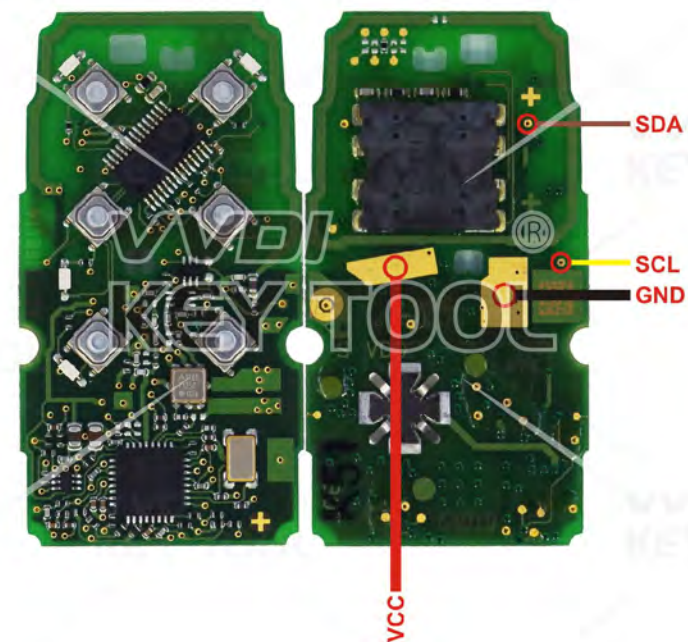
Key Information	Key Adapter	Chip Number
285979045R Smartkey 433MHz		7953



VOLVO

Hitag2/Hitag3 Smartkey

Key Information	Key Adapter	Chip Number
5WK49266(900MHz) Smartkey		7953
5WK49269(433MHz) Smartkey	[12 VOLO]	7953



More vehicle types will be supported continuously,
so stay tuned...

VVDI *KEY TOOL*