AUTOMOTIVE LINE

Professional solutions for CANBUS 2.0 and CAN FD vehicles
Services Interfaces

PASER

Slimcan 85
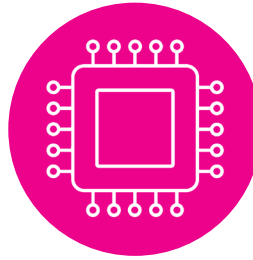
Canbus Services Interface
CODE: CF0006UNUN11/85

5 analog outputs available:

- 1 12V 1A ouput ignition ON
- 1 12V 100mA output lights ON
- 1 12V 100mA ouput reverse gear engaged
- 1 12V 100mA output speedpulse in square wave
with PULL-DOWN (2 implulses cycles selectable)
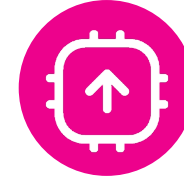- 1 GND 100mA output handbrake engaged.

Microprocessor PIC 18F4685.
UART 5V for protocols managing.
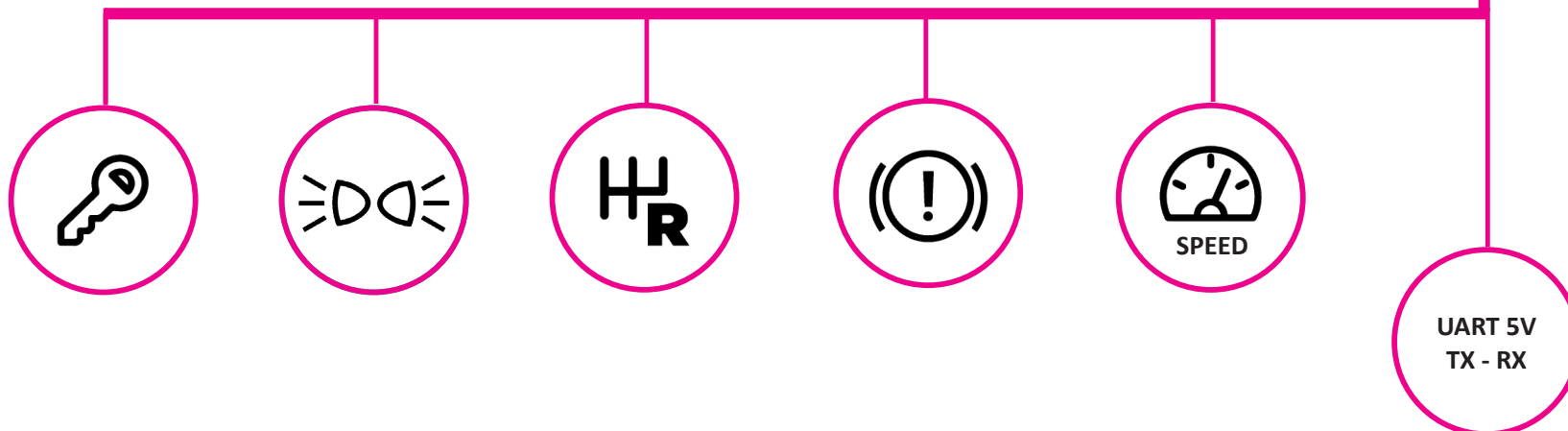
Car CANBUS protocols auto-selection.

NEW
MICROPROCESSOR

UPGRADEABLE
FIRMWARE

Car CANBUS protocols auto-selection

SPEED

UART 5V
TX - RX

Slimcan 2.0

Canbus2.0/FD Services Interface

CODE: SOON AVAILABLE

8 analog outputs available:

- 1 12V 1A output, preset as ignition ON
- 1 12V 100 mA output, preset as reverse gear engaged
- 1 12V 100 mA output, preset with activation below 10 km/h
- 1 12V 100 mA output speedpulse in square wave with PULL DOWN (4 implulses cycles selectable or engine RPM)
- 1 GND 100 mA output, preset as handbrake enaged
- 3 GND outputs to set

(of which 2 manageable as 12V positive inputs).

All the 8 ouputs are configurable according to the Customer needs (please, consult the 'Functions List' at page 8).
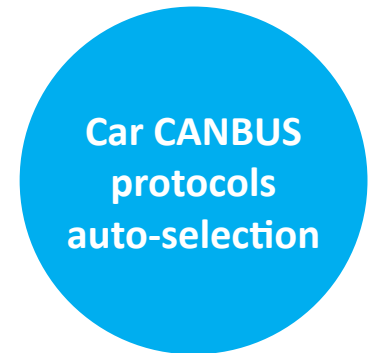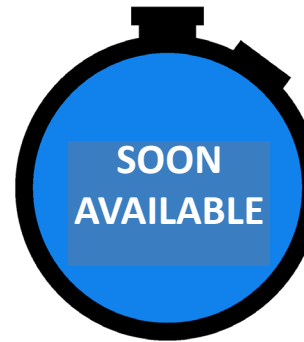
Microprocessor PIC 18F47Q84.
UART 5V for protocols managing.

Car CANBUS protocols auto-selection.

ECE approved product

UPGRADEABLE FIRMWARE

SOON AVAILABLE

Car CANBUS protocols auto-selection

UART 5V TX - RX

EXAMPLE OF CONFIGURATION

REMOTE CONTROL

SPEED

Slimkey

Canbus Services Interface
CODE: CF0006UNSC11

1 analog output available:
- 1 12V 1A ouput, preset as ignition ON

The output is configurable according to the Customer needs (please, consult the 'Functions List' at page 8).

UART 5V for protocols managing.

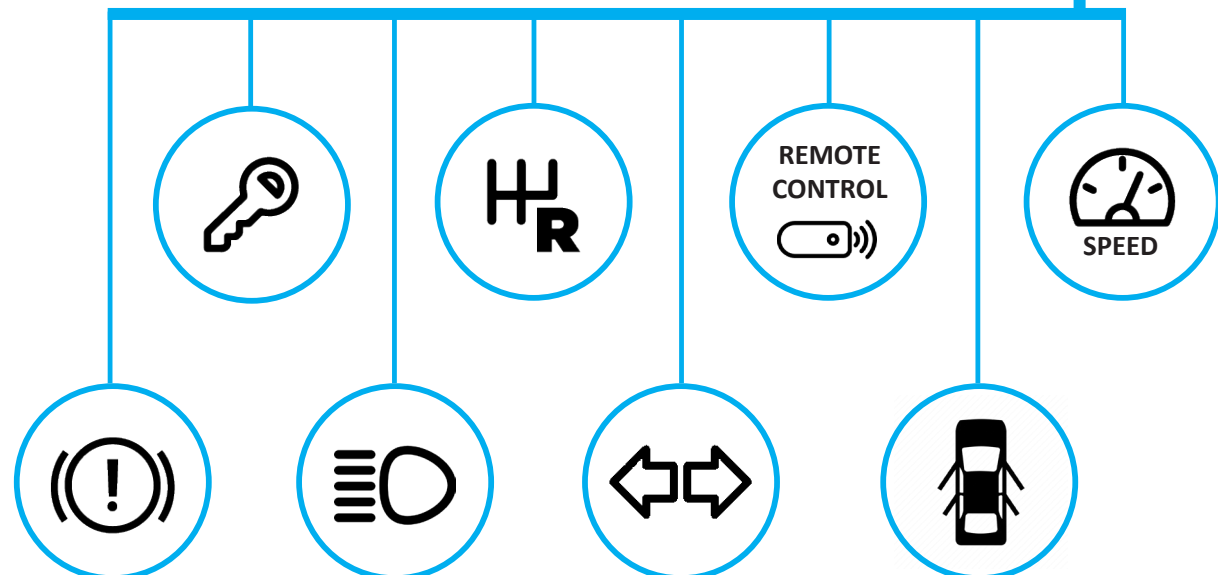**Car CANBUS protocols auto-selection.**

ECE approved product

UPGRADEABLE
FIRMWARE

Car CANBUS protocols auto-selection

EXAMPLE OF CONFIGURATION

SPEED

UART 5V
TX - RX

Slimkey 2

Canbus Services Interface
CODE: CF0006UN2O11

2 analog outputs available:
- 1 12V 1A output, preset as ignition ON
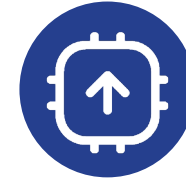- 1 GND 100mA output with PULL-UP, preset speedpulse signal

The 2 outputs are configurable according to the Customer needs (please, consult the 'Functions List' at page 8).
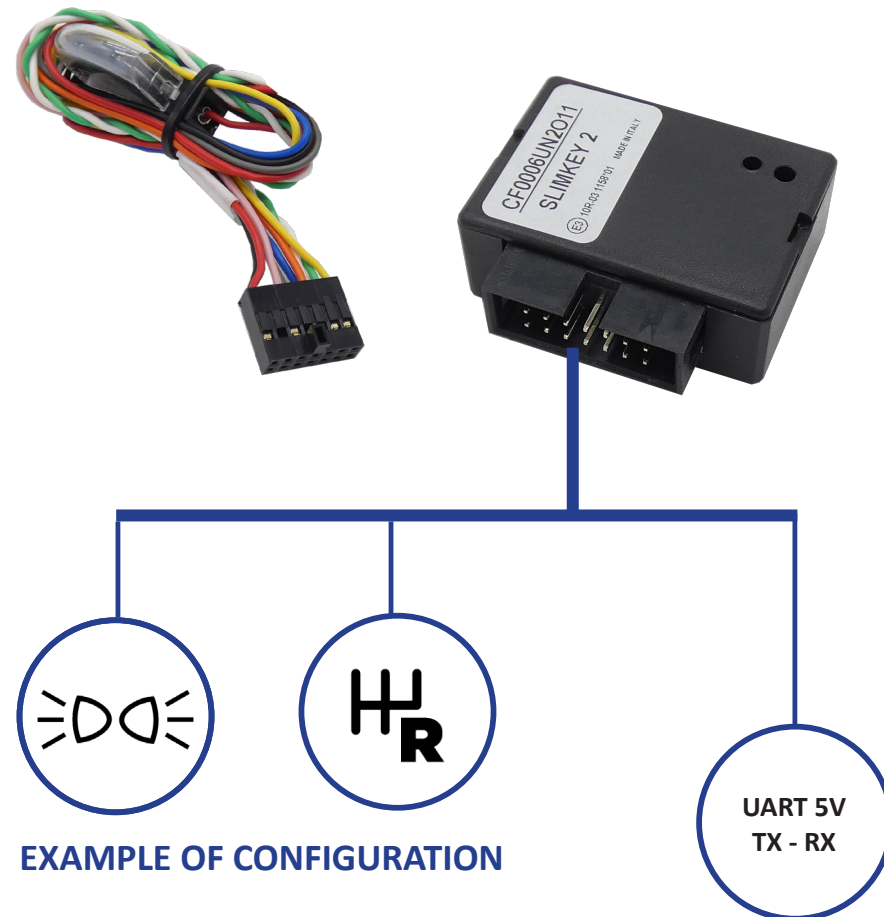
UART 5V for protocols managing.

Car CANBUS protocols auto-selection.

ECE approved product

UPGRADEABLE FIRMWARE

Car CANBUS protocols auto-selection

EXAMPLE OF CONFIGURATION

UART 5V TX - RX

Slimkey OBD Plug&Play

Canbus Services Interface
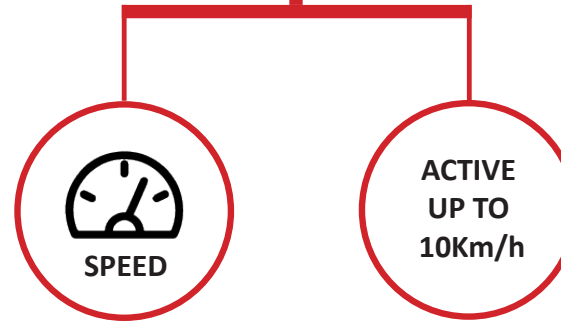### CODE: CF0006UN2O21/OB

2 analog outputs selectable:

• 1 output preset speedpulse 4K impulses per mile
(4 different impulses settable, 4K, 8K, 11.5K, 23K impulses per mile)

• 1 analog output selectable from the following:
- output active up to 10Km/h
- output active up to 10km/h with the vehicle in motion
- output active above 40km/h (deactivated below 35km/h)
- RPM signal
- intermittent output with a heavy braking.

Car CANBUS protocols auto-selection.

Car CANBUS protocols auto-selection

SPEED

ACTIVE UP TO 10Km/h

EXAMPLE OF CONFIGURATION

UPGRADEABLE FIRMWARE

CANBUS compatibility extends to:

• vehicles with OBD2 input and SAE-J2284 or ISO 15765 protocol
• vehicles designed since 2009, diesel or petrol engine.

ECE approved product

COMPATIBLE WITH:

ALFA ROMEO · BMW · CITROËN · Jeep · Audi · DACIA · Great Wall · HYUNDAI · KIA MOTORS · MAZDA · Mercedes-Benz · FIAT · LAMBORGHINI · TOYOTA · MITSUBISHI · RENAULT · Ford · NISSAN · VW · LAND ROVER · CHRYSLER · LANCIA · SsangYong · SKODA AUTO · OPEL · CHEVROLET · ASTON MARTIN · PORSCHE · SEAT

5

Slimkey PDC

Canbus Services Interface
CODE: CF0006UN2O21/PS

Preset CANBUS Services Interface able to recover the parking sensor signal and other vehicle sounds generated by the original radio.

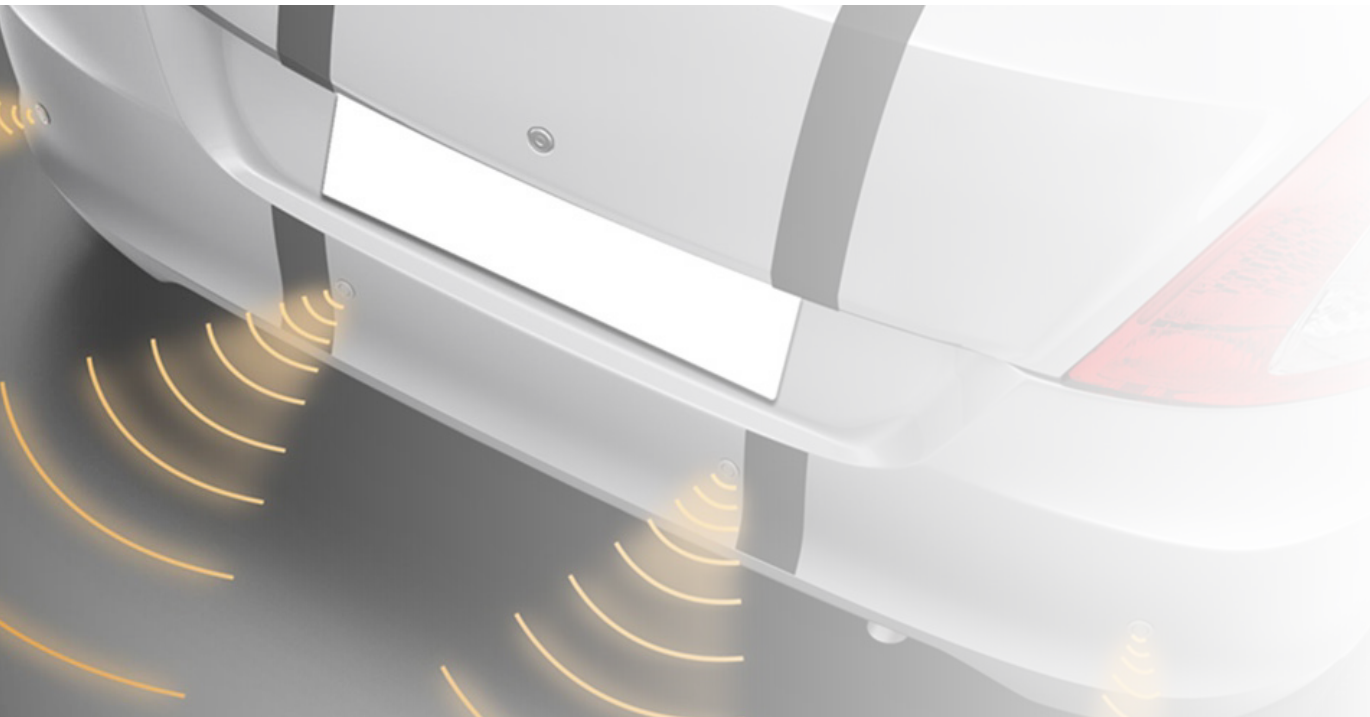- Quick installation
- High performance buzzer.

Car CANBUS protocols auto-selection.

ECE approved product

UPGRADEABLE FIRMWARE

Car CANBUS protocols auto-selection

CF0006UNSC21PS
SLIMKEY +
PARKING SENSOR
MADE IN ITALY
10R-02115901

COMPATIBLE WITH:

BMW   CITROËN   FIAT   Ford

PEUGEOT   LAND ROVER   MINI   RENAULT

Slimkey Front Parking Sensors

Canbus Services Interface
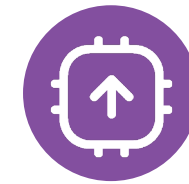### CODE: CF0006UNSC21/AF

Preset CANBUS Services interface able to activate aftermarket parking sensors equipped with 1 output available, preset as active output below 10 km/h (regardless of reverse gear).

The output can be configured according to needs, among the following options:

- output active below 10 km/h activation of reverse gear
- output active below 10 km/h with the vehicle in motion
- output active below 10 km/h with the vehicle in motion when the engine is activated or reverse gear is engaged
- output active below 10 km/h with handbrake disengaged
- output active below 20 km/h with reverse gear engaged.

Car CANBUS protocols auto-selection.

ECE approved product

UPGRADEABLE FIRMWARE

Car CANBUS protocols auto-selection

SLIMKEY PARKING SENSOR

EXAMPLE OF CONFIGURATION

COMPATIBLE WITH:

ALFA ROMEO · BMW · CITROËN · Jeep · AUDI · VOLVO · HONDA · HYUNDAI · KIA MOTORS · JAGUAR · PEUGEOT

mazda · Mercedes-Benz · FIAT · LAMBORGHINI · TOYOTA · MITSUBISHI · RENAULT · Ford · NISSAN · VW · MG · SUBARU

LAND ROVER · CHRYSLER · LANCIA · dr · SKODA AUTO · OPEL · IVECO · DODGE · PORSCHE · SEAT · MINI · TESLA

Services Interfaces

'Functions List' for the configuration outputs by the Customer:

1. Ignition ON
2. Lights ON
3. Reverse gear engaged
4. Handbrake engaged
5. OEM parking sensor signals
6. FCA "Blue & Me" Mute
7. Speedpulse signal 23.000 impulses per mile
8. Speedpulse signal 11.500 impulses per mile
9. Speedpulse signal 8.000 impulses per mile
10. Speedpulse signal 4.000 impulses per mile
11. Output active when the vehicle is moving
12. Output active when reverse gear is engaged and deactivated at speed above 10 km/h
13. Output intermittent upon heavy braking
14. Output active below 10 km/h
15. Output active below 10 km/h with the vehicle in motion
16. Output active with ignition ON and deactivated above 10 km/h
17. Output active below 10 km/h and handbrake OFF
18. Output active with vehicle moving above 40km/h and deactivated with vehicle moving under 35km/h
19. Output active with combustion engine running
20. Output active when reverse gear is engaged and deactivated when the vehicle is moving above 20 km/h
21. Output with high beam ON
22. Output RPM, Ratio 1:1 (the number of impulses per minute corresponds to the number of rounds per minute).

Contacts

Strada per Poirino, 29
Villanova d'Asti- AT- 14019- Italy

Fax: +39 0141 946000

Tel. +39 0141 947694

Email: paser@paser.it
Web site: www.paser.it