

Dual Eprom-Map V3

Istruzioni di montaggio *Mounting instructions*

Avvertenza: il montaggio del Dual Eprom-Map è esclusivamente consentito solo su veicoli circolanti su pista. Non ci riteniamo responsabili per eventuali danni diretti e/o indiretti dall'utilizzo del dispositivo. Le attuali norme italiane vietano il tuning su tutti i veicoli circolanti per uso comune.

Dual Eprom-Map permette di gestire due mappe tuning direttamente sulla stessa ECU. Il dispositivo può essere configurato per utilizzare due eprom diverse di capacità uguale; o utilizzare una sola eprom con capacità doppia rispetto a quella originale.

Attenersi agli schemi forniti per un corretto montaggio. Assicurarsi prima del montaggio che la ECU non sia collegata direttamente al circuito. Il montaggio del Dual Eprom-Map fa decadere la garanzia della propria ECU. Consigliamo il montaggio da un personale specializzato.

Avvertenze per lo switching: CONSIGLIAMO la commutazione del toggle in posizione 1 o 2 a quadro spento; (posizione 1 = "mappa tuning 1"; posizione 2 = "mappa tuning 2").

Problemi comuni: in alcuni casi abbiamo riscontrato il mancato avvio del veicolo commutando il toggle da posizione 1 a 2 o 2 a 1. Questo è dovuto all'incompatibilità del Dual Eprom-Map nel gestire mappe con integrato il codice chiave.

Contenuto della confezione:

- Software e Istruzioni di montaggio pdf
- Dual Eprom-Map
- Toggle Switch
- Wire wrapping
- Copper Switch Carbon Look

Disclaimer: the installation of the Dual Eprom-Map is exclusively allowed on vehicles circulating on track. We don't hold there responsible for possible direct and/or indirect damages by the use of the device. The actual Italian laws forbid tuning on all the circulating vehicles for common use.

Dual EPROM-map allow you to manage two tuning maps directly on the same ECU. The device can be configured to use two different EPROM with the same capacity; or use a single EPROM with a double capacity instead of the original.

Follow the provided schemes for a correct installation. Before install, be sure that the ecu is not directly connected to the circuit. The installation of dual EPROM-map invalidates the guarantee of your own ECU. We recommend the installation by specialized staff.

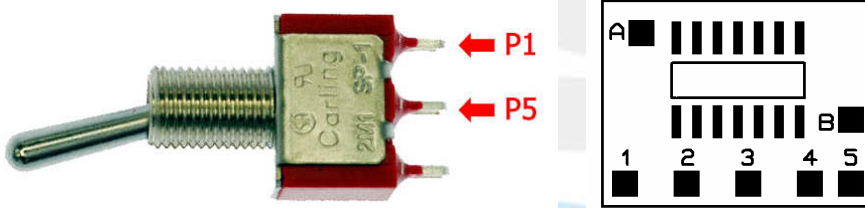
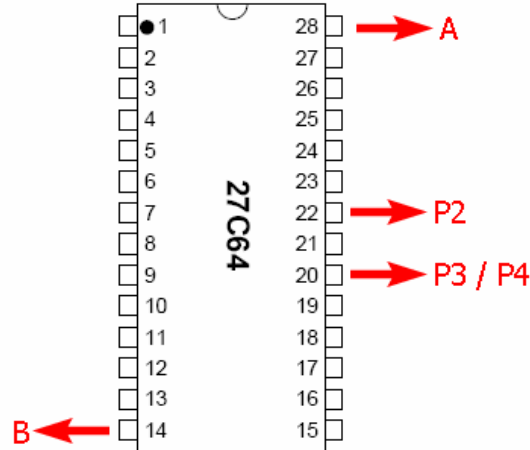
Warnings for the switching: we RECOMMEND the switching of the toggle in position 1 or 2 in tach-off position; (Position 1 = "tuning-map 1"; Position 2 = "tuning-map 2").

Common problems: In some cases a failure start of the vehicle is possible when switching the toggle position 1 to 2 or 2 to 1. This is due incompatibility of dual EPROM-map to manage maps with key-code integrated.

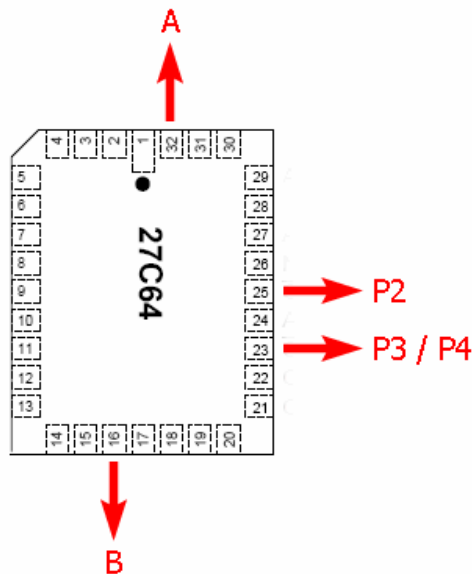
Content of the package:

- Software and installation instructions PDF
- Dual Eprom-Map
- Toggle Switch
- Wire wrapping
- Copper Swith Carbon Look

usare due eeprom 27C64 diverse - use two different 27C64 eeprom
Scollegare il P3 e P4 dalla ECU - To disconnect P3 and P4 from the board ECU

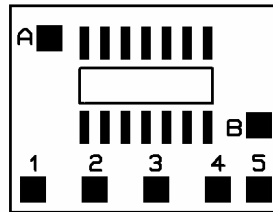
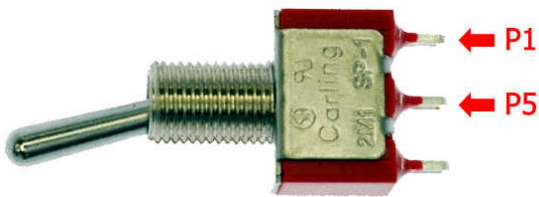
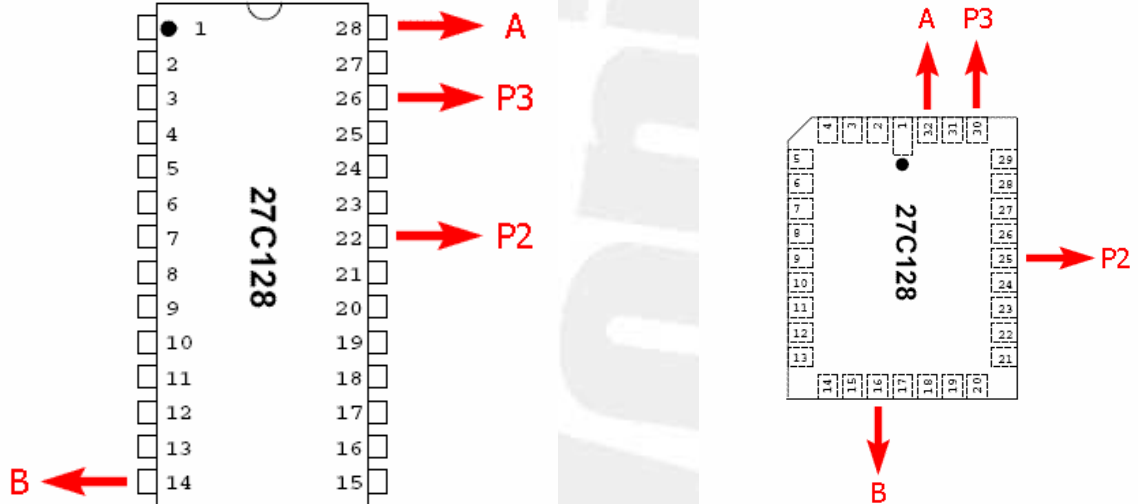


usare due eeprom 27C64 diverse - use two different 27C64 eeprom
Scollegare il P3 e P4 dalla ECU - To disconnect P3 and P4 from the board ECU



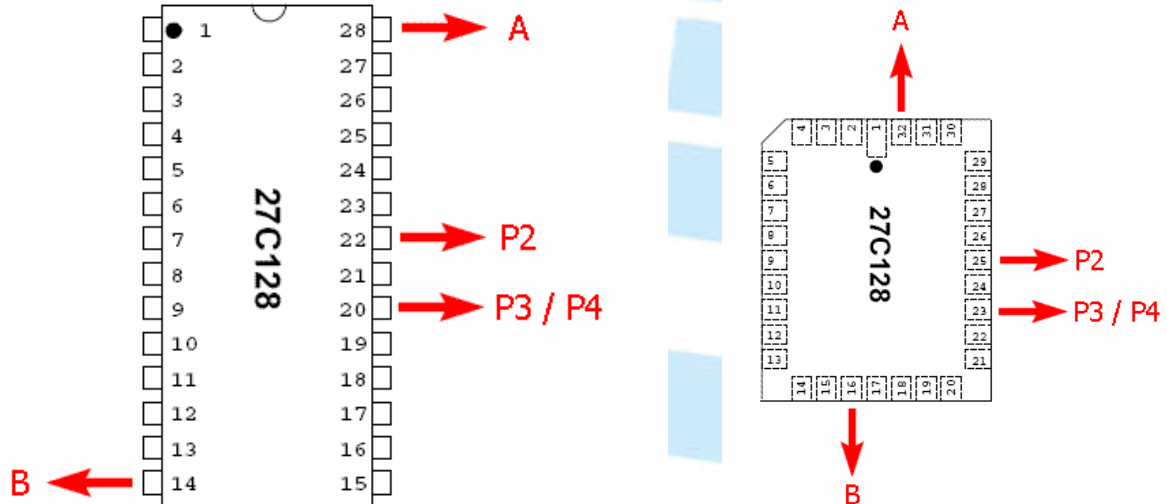
unire due eprom 27C64 in una 27C128 - merge two EPROM 27C64 in a 27C128

Scollegare il P3 dalla ECU - To disconnect P3 from the board ECU

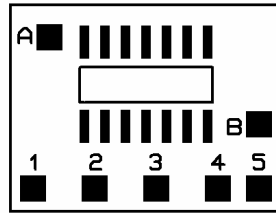
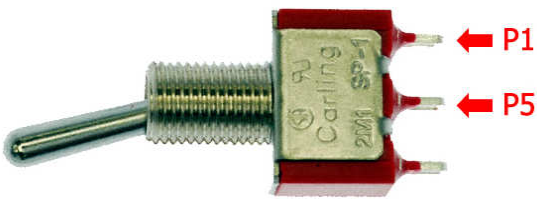
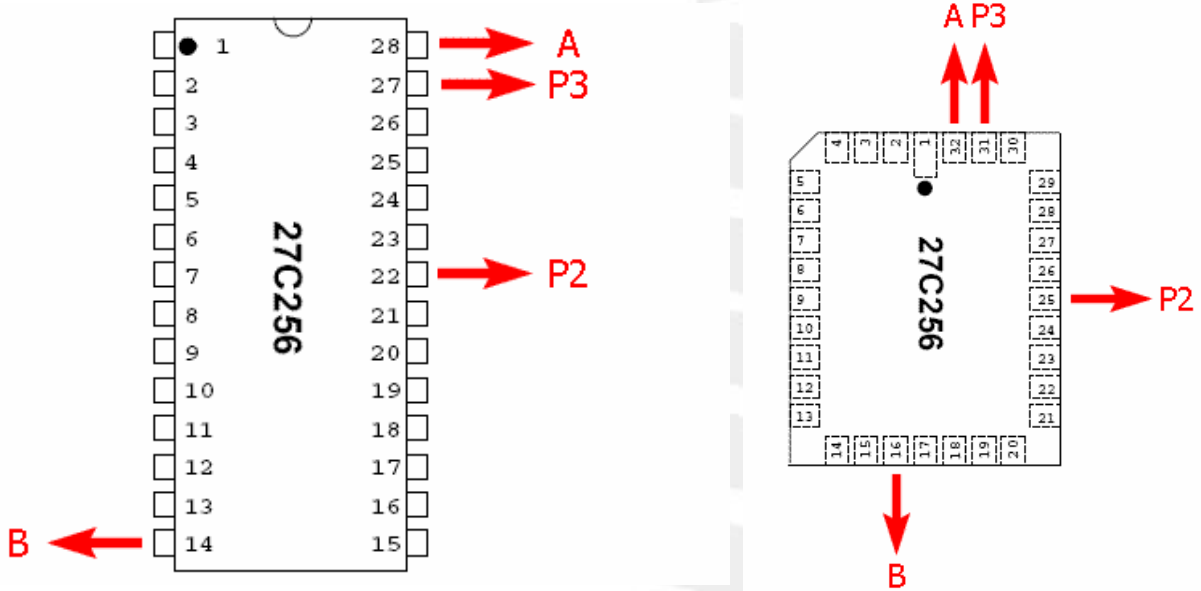


usare due eprom 27C128 diverse - use two different 27C128 eprom

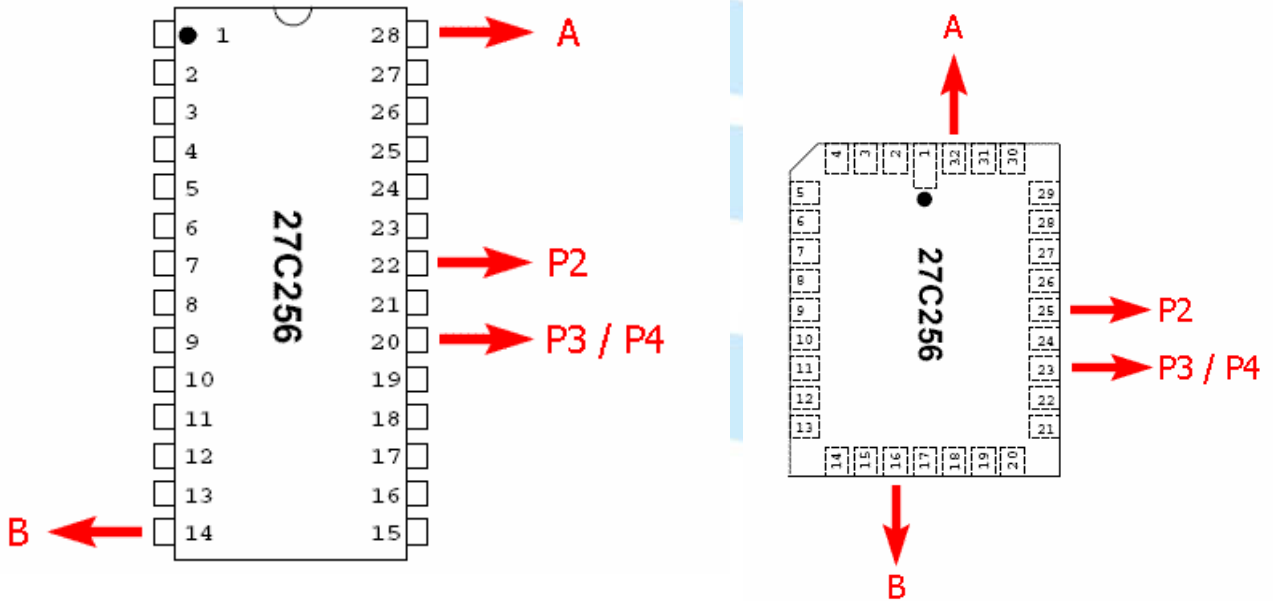
Scollegare il P3 e P4 dalla ECU - To disconnect P3 and P4 from the board ECU



unire due eprom 27C128 in una 27C256 - merge two EPROM 27C128 in a 27C256
Scollegare il P3 dalla ECU - To disconnect P3 from the board ECU

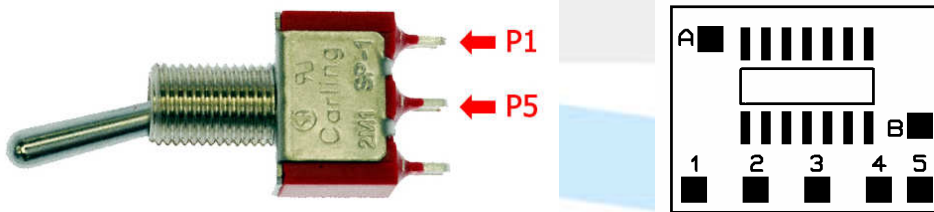
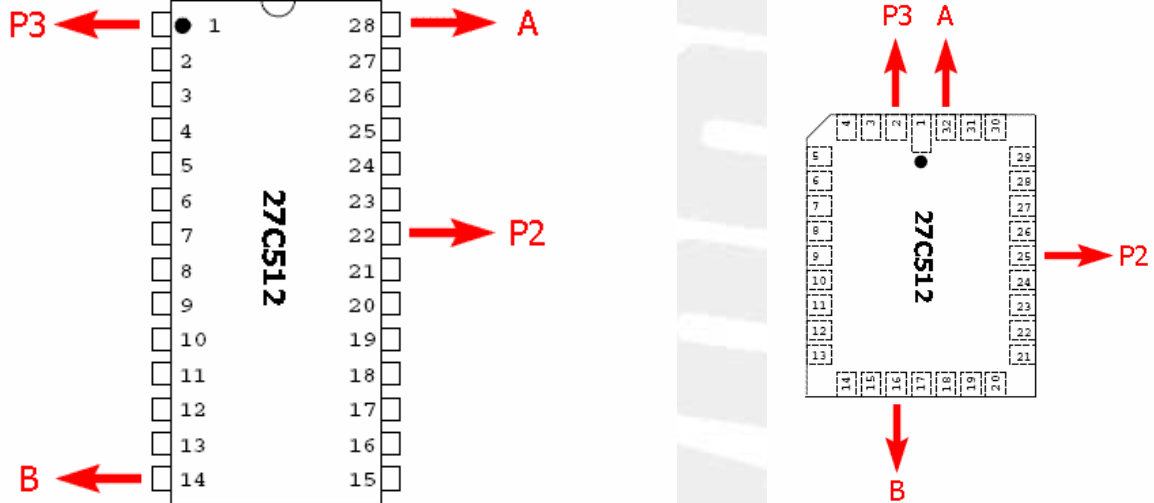


usare due eprom 27C256 diverse - use two different 27C256 eprom
Scollegare il P3 e P4 dalla ECU - To disconnect P3 and P4 from the board ECU



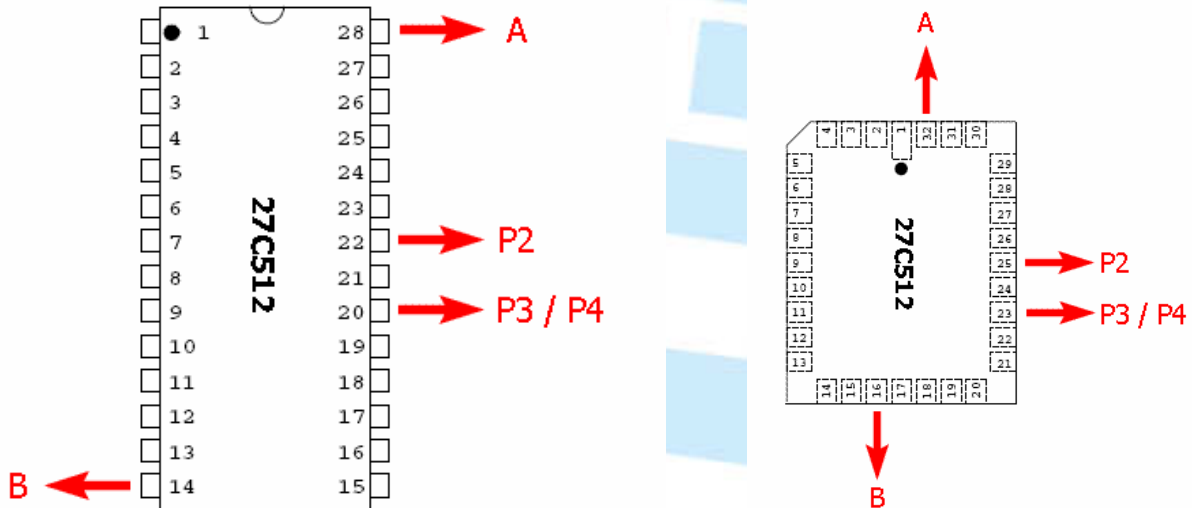
unire due eprom 27C256 in una 27C512 - merge two EPROM 27C256 in a 27C512

Scollegare il P3 dalla ECU - To disconnect P3 from the board ECU

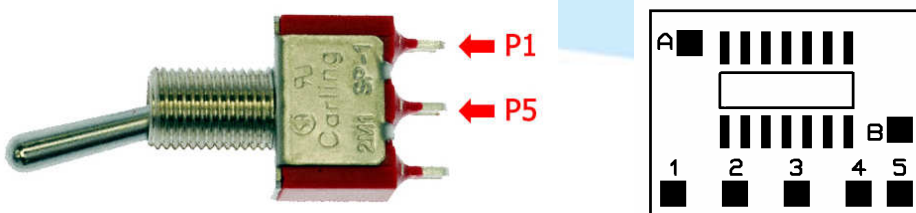
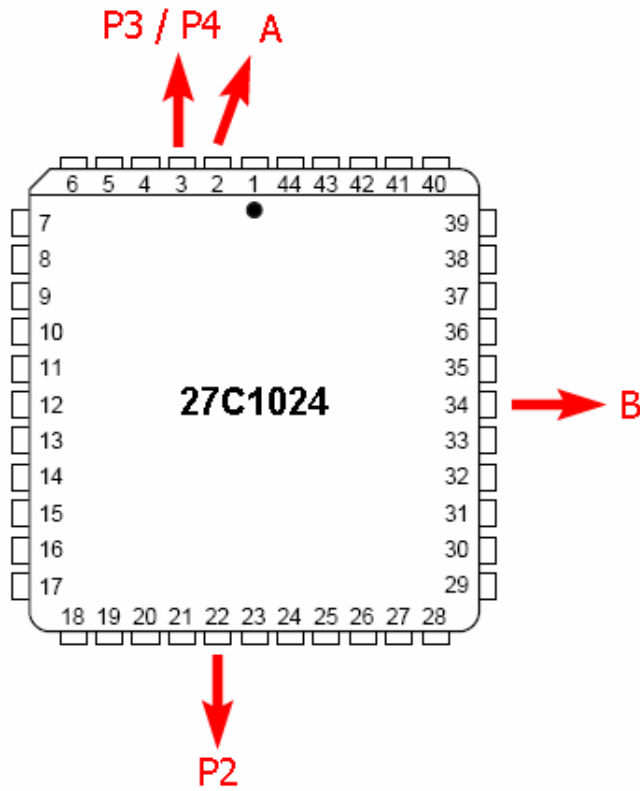


usare due eprom 27C512 diverse - use two different 27C512 eprom

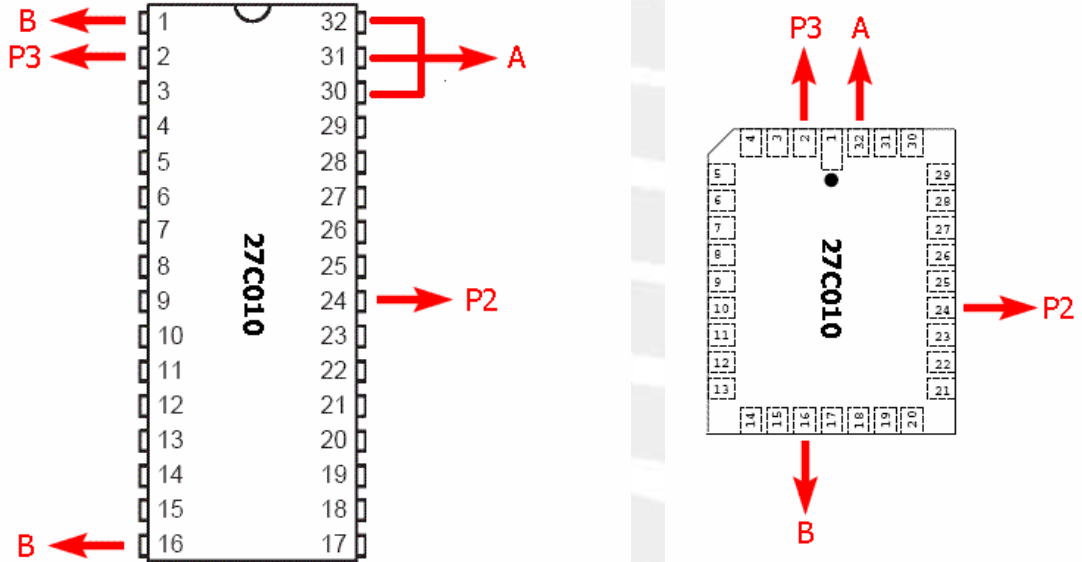
Scollegare il P3 e P4 dalla ECU - To disconnect P3 and P4 from the board ECU



usare due eeprom 27C1024 diverse - use two different 27C1024 eeprom
Scollegare il P3 e P4 dalla ECU - To disconnect P3 and P4 from the board ECU

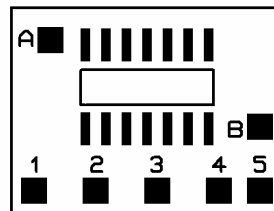
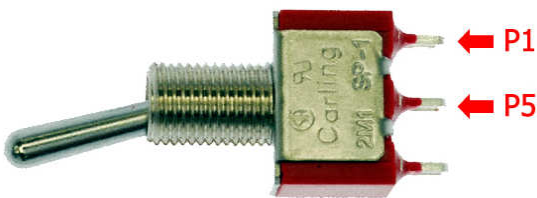


unire due eprom 27C512 in una 27C010 - merge two EPROM 27C512 in a 27C010
Scollegare il P3 dalla ECU - To disconnect P3 from the board ECU

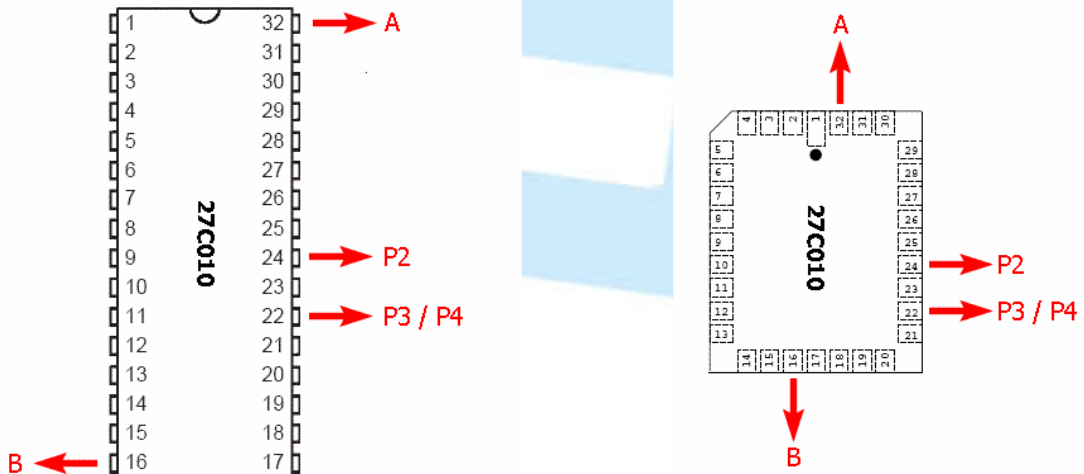


Note: Per l'installazione della 27C010 in sostituzione della 27C512 è necessario collegare insieme il pin 1 al pin 16, come pure il 30, 31, 32. **Quando la 27C010 viene installata sulla ECU i pin 1 e 2 e il 31 e 32 non devono essere collegati sulla piastra**

Note: Microcircuit 27C010 housed DIP has 32 pin (microcircuit 27C512 28pin). For 27C010 installation instead of 27C512 it is necessary to connect together pin1 to pin 16, as well as pin 30, 31 and 32. **When 27C010 is being installed on board ECU pins 1, 2 and pin 31, 32 should not be connected with board ECU.**

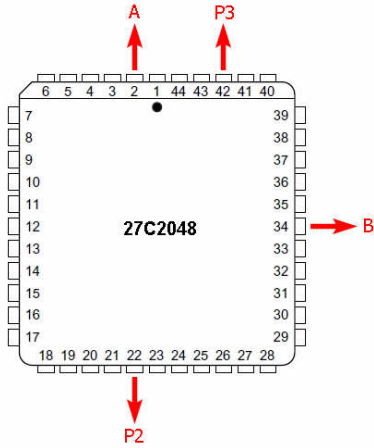


usare due eprom 27C010 diverse - use two different 27C010 eprom
Scollegare il P3 e P4 dalla ECU - To disconnect P3 and P4 from the board ECU



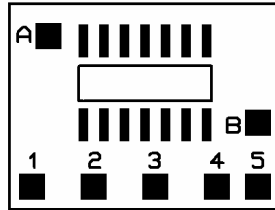
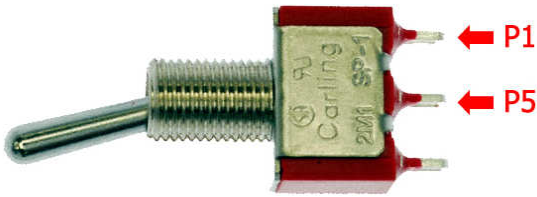
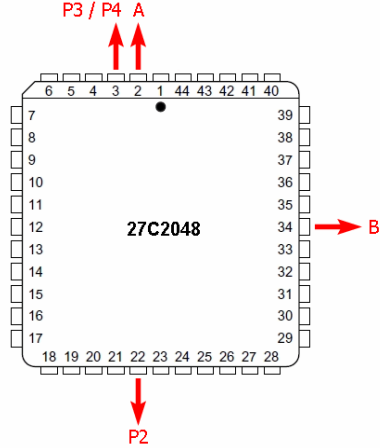
**unire due eeprom 27C1024 in una 27C2048
merge two EPROM 27C1024 in a 27C2048**

**Scollegare il P3 dalla ECU
To disconnect P3 from the board ECU**



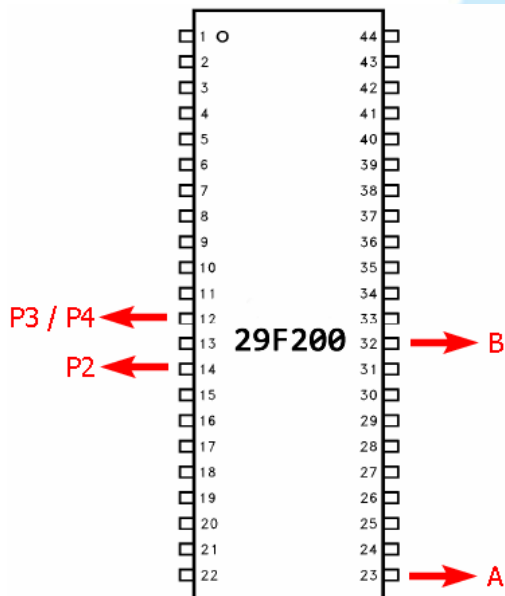
**usare due eeprom 27C2048
use two different 27C2048 eeprom**

**Scollegare il P3 e P4 dalla ECU
To disconnect P3 and P4 from the board ECU**



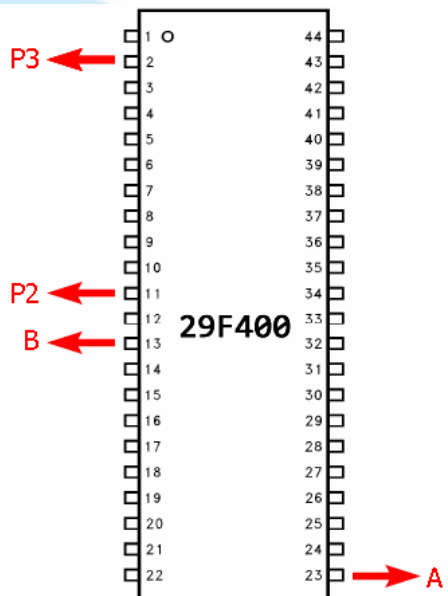
**usare due Flash 28/29F200
use two different Flash 28/29F200**

**Scollegare il P3 e P4 dalla ECU
To disconnect P3 and P4 from the board ECU**

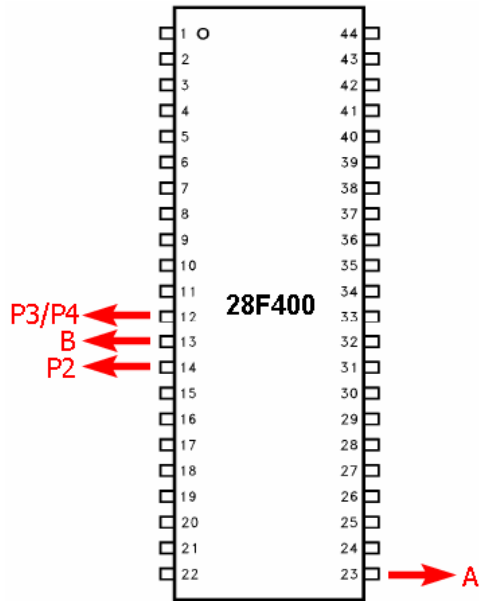


**unire due Flash 28/29F200 in una 28/29F400
merge two Flash 28/29F200 in a 28/29F400**

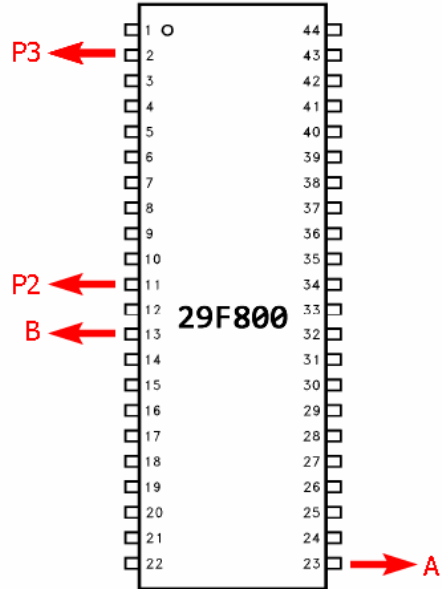
**Scollegare il P3 dalla ECU
To disconnect P3 from the board ECU**



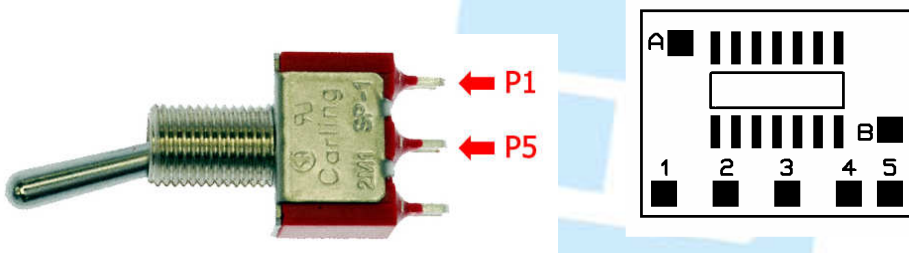
usare due eeprom 29F400
use two different 29F400 eeprom
Scollegare il P3 e P4 dalla ECU
To disconnect P3 and P4 from the board ECU



unire due eeprom 29F400 in una 29F800
merge two EPROM 29F400 in a 29F800
Scollegare il P3 dalla ECU
To disconnect P3 from the board ECU



Note: Consigliato l'uso di FLASH 29F800BB
Notes: Recommended to use FLASH 29F800BB



Software Dual-MAP Create

Il software Dual-MPA Create permette di unire velocemente due file, "mappa tuning 1" e "mappa tuning 2", in un unico file, pronto da essere programmato all'interno di una eeprom di capacità doppia rispetto a quella originale.

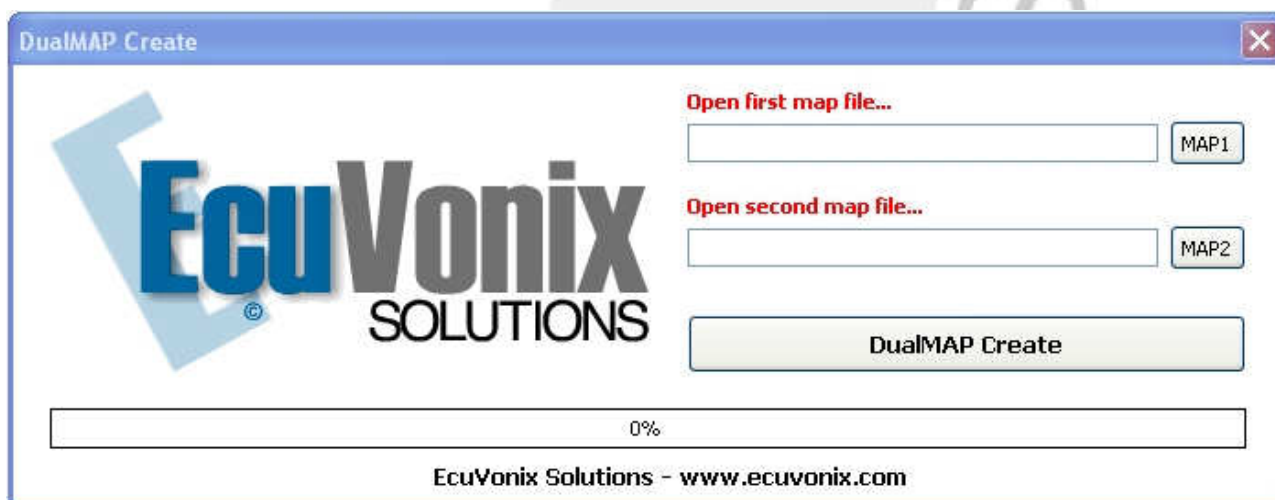
In questo modo si possono utilizzare ad esempio una FLASH 29F800 contenente due mappe tuning al posto della FLASH originale 29F400. La selezione delle mappe tuning 1 e 2 avviene semplicemente commutando il toggle in posizione 1 o 2.

Avvertenze per lo switching: CONSIGLIAMO la commutazione del toggle in posizione 1 o 2 a quadro spento.

The Dual-MPA Create software allow you to join quickly two file, "tuning-map 1" and "tuning-map-2", in a single file ready to be programmed into an eeprom of double capacity instead of the original.

In this way you can use, for example, an FLASH 29F800 containing two tuning maps to replace the original FLASH 29F400. The tuning-map 1 and tuning-map 2 can be selected simply switching the toggle in position 1 or 2.

Warnings for the switching: we RECOMMEND the switching of the toggle in position 1 or 2 on tach-off position.



- 1) Click MAP1**
selezionare il primo file "map tuning 1"
please select the first file "tuning-map 1"
- 2) Click MAP2**
selezionare il secondo file "map tuning 2"
please select the first file "tuning-map 2"
- 3) Click DUALMAP Create**
digitare il nome del file da creare

insert name of the file to create

Example how to use two eprom.

