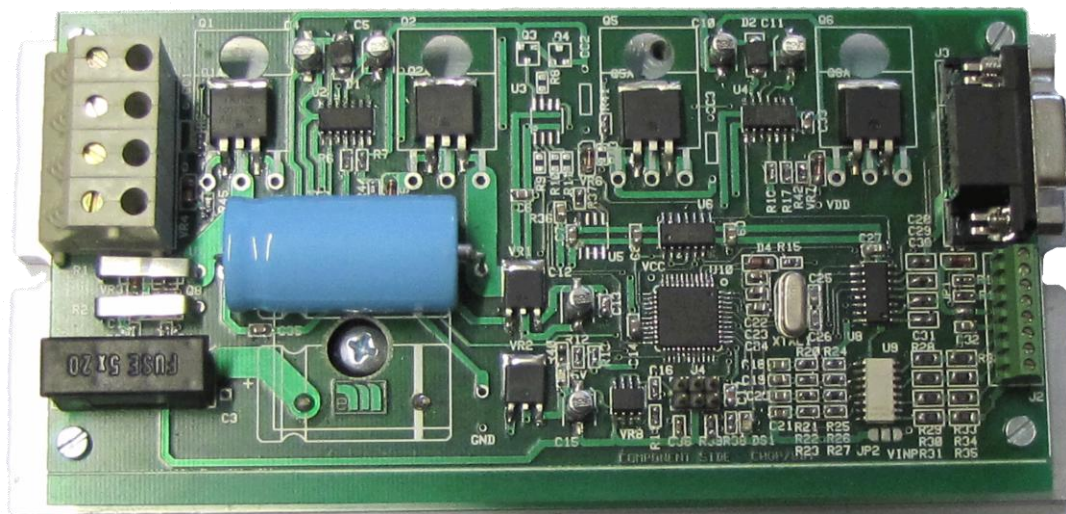


CHOP-02

Control Electronic Semi-Bridge or Bridge with PWM output for DC motors in open loop

The CHOP-02-105040 performs a two-way electronic control for DC motor open loop. The inversion is done by a full-bridge mosfet that provides current inversion on the engine. The operating parameters can be changed through the console. The reversal can be done by either using input opto isolation or by using a potentiometer. The chopper also performs the function of energy recovery during braking. If the engine reversal is not necessary the card comes with a single 1/2 bridge with or without energy recovery



SPECIFICATIONS:

POWER :..... 12V - 50Vdc
 CONSUMPTION:..... 0.50A
 RECOMMENDED VALUES POTENTIOMETER :.....4K7 / 10K
 REFERENCE INPUT :.....= VCC
 INPUT SIGNAL :.....=4
 AREA OF WORK NOT :.....0V
 CURRENT ADJUSTMENT (CHOP 02-105040):.....from 0.05A @ 40 A
 SPEED CONTROL':.....by External Potentiometer
 RAMP TIME ADJUSTMENT:.....through software or console (optional)
 RESOLUTION PWM :.....9 Bit
 FIELD OF TEMPERATURE :.....- 15 ° C to +70 ° C
 TERMINATION SIGNALS :.....terminal 8Poli 2.54 mm pitch
 TERMINATION POWER 4-pole terminal :.....7.50 mm pitch
 PROTECTION :.....to ' moisture by resin
 DIMENSIONS :..... 160mm X 75 mm
 CONTROLS :..... Start, Stop and Direction of Rotation
 ALARMS :.....current control input, alarm temperature 80 ° C,
low supply voltage
 DISPLAY ALARM LED BLINKING SLOWER CURRENT ..Fast blinking Voltage
 dashboard display on LCD (optional)
 Programming and Interface Connector 9 Pin to pan :.....232Undo edits

**PRODUCT Complies with European Directive RHOS
2002/95/EC**

CHOP-02

Control Electronic Semi-Bridge or Bridge with PWM output for DC motors in open loop

MODEL:

CHOP- 02 – 105040

DESCRIZIONE CODICE:

CHOP 02 - XXX

Model 02

General purpose XXX

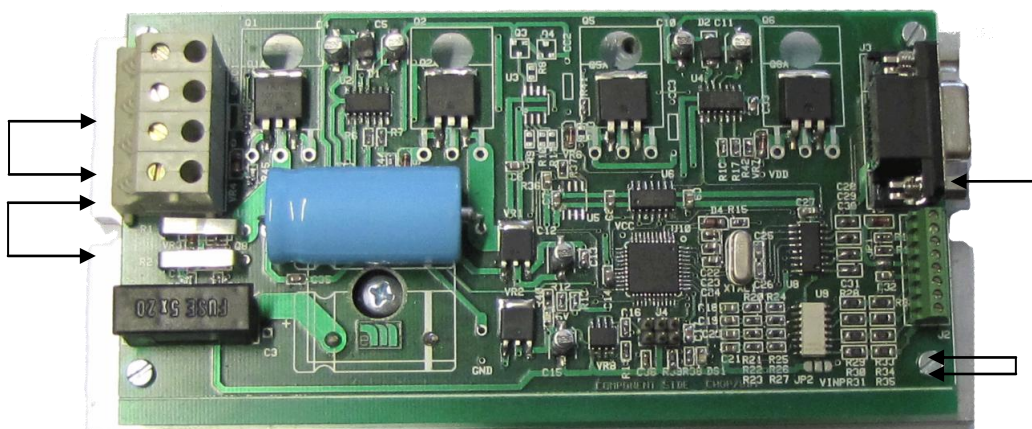
Tensione alim. E corrente max 105040

Item Code: F00198-CHOP 1050-040

APPLICATIONS

The control CHOP - 01-105015 was born to meet a wide range of applications ranging from industrial to consumer applications. We list some products that use this system:

- CLEANERS
- ELECTRICAL SCOPE
- TRUCKS FOR IRRIGATION
- BIKE PILOT OPERATED
- SCOOTER
- WEED TREATMENT PUMPS
- PALLET
- ELECTROMAGNETS



CONNECTIONS

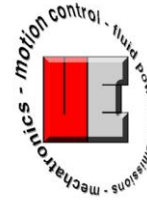
OUT +
MOTORE -

Unify Electronic Srl Via Ovidio,N.11-13-15/D 42124 Gaida(RE)

Tel. 0522/678569 - 0522/1700886 e-mail. vendite@unifyelectronic.com P.Iva & C.F. 02578620359

ALIMENTAZIONE +
MAX 16/18V DC

SEGNALE RS232
08/09/2021



CHOP-02

Control Electronic Semi-Bridge or Bridge with PWM output for DC motors in open loop

The company assume no responsibility for only errors which may appear in this document, reserves the right to change device or specifications detailed herein at any time without notice.