

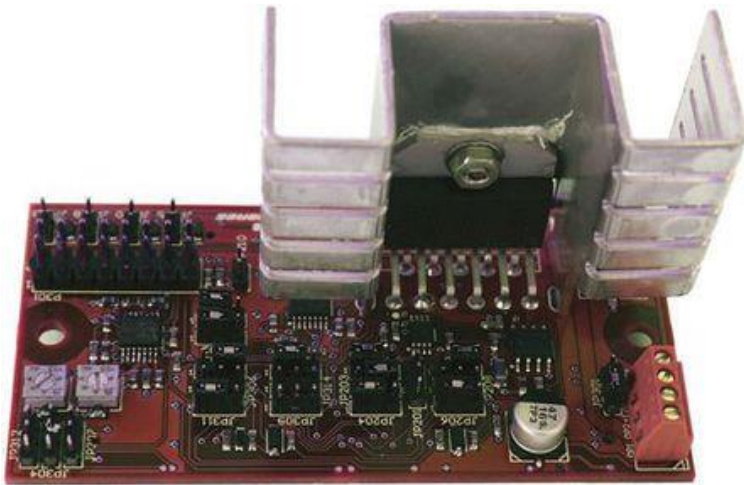


ENGLISH

Datasheet

Stock No: 460-304

RS Pro EDP DC Motor Control Application Module



Product Details

EDP DC Motor Control Module

This Embedded Development Platform (EDP) motor controller module is designed to drive 12V DC brushed motors of up to 2A with 3A being permitted when the auxiliary power connector is used.

Up to two motor control modules may be fitted to a single EDP baseboard

Optimized for PWM motor drive

Based on the LMD18200 DMOS H-bridge controller

Current monitoring is possible via the ADC of an EDP processor module

Quadrature encoder/Hall sensor input

Tachogenerator input

Open/closed limit switch inputs

Protected by an over-temperature output which allows the drive to be deactivated under software control



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RS Embedded Development Platform (EDP)

Every time you need to upgrade to a new processor, your old development boards go in the bin and you're left facing the task of buying a new one and interfacing both software and hardware to the existing application circuits, a time-wasting and expensive process. RS is pleased to announce we have developed a solution to this perennial problem: the Embedded Development Platform or EDP.

Extended Eurocard motherboard with four identical module stations

Economy motherboard with two module stations

A range of plug-in processor and application modules

Automotive-quality PCBs designed for robust treatment

EDP Driver archive:

<http://www.designspark.com/eng/knowledge-item/rs-edp-archive-of-manuals-test-programs-and-drivers>

EDP Test Program archive:

<http://www.designspark.com/eng/knowledge-item/rs-edp-archive-of-test-programs>

EDP 'Hello World' Program archive:

<http://www.designspark.com/eng/knowledge-item/rs-edp-archive-of-hello-world-programs>

Specifications:

Classification	Module
Technology	EDP