



REVOLUTIONIZE YOUR ROBOTICS CONTROL

Take your motor control applications to next level with Real-Time Sensing and advanced features. ACROME Smart Motor Driver Product family let you achieve better precision and control over your robotics & automation projects with enhanced productivity and performance.

Experience the clever way in system development with ACROME SMD RED: Our ready-to-use board is the perfect solution for robotics. Products in this family can be interconnected to form multi-axis robotics & automation applications thanks to RS-485 daisy chain communication protocol, and with the onboard autotune feature you can get the maximum out of the motors. Trust in the reliability and versatility of ACROME SMD RED to take your project into the next level.



Autotune



Ready to Use



Software Support



Sensor Sets



Daisy Chain

SMD RED Starter Kit

1x ACROME SMD-RED

A ready-to-use kit to learn speed and position control applications. Suitable for starters and self-learners. Includes SMD RED, suitable motor, cables and suitable add-on sensors.



Robotics Project Kit

1x ACROME SMD-RED 1x Sensor Addons

Includes the ACROME SMD board and add-on sensors to build a rover mobile robot or an automatic plant watering project. Project building instructions are provided.



Robotic Arm with Gripper Project Kit

2x ACROME SMD - RED 1x Sensor Addons

Includes multiple ACROME SMD boards and add-on sensors to build a manipulator arm robot for a robotic pick and place project. Project building instructions are provided.



Sensor Addons



Button



Distance Sensor



9 Dof IMU



Light Sensor



Joystick



Line Follower

Features

- *Compatible with Arduino and Python programming languages
- *Autotune that optimizes the performance of motor
- *Ability to synchronize multiple ACROME SMD simultaneously
- *Compact size and lightweight design for easy integration into a variety of applications
- *Ready to use software and hardware, allowing for easy customization and integration
- * Easy to connect Sensor addons with software libraries

Online documentation available at:
<https://acrome-smd.readthedocs.io/>

For more information on the solutions Acrome Offers,
please visit the web site at: <http://www.acrome.net>



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