

SCU

Supervisory Control Unit

EV2274KAH

Intelligent vehicle auxiliary power controller for SAE L3-L4 levels electric vehicle systems



Multiple Interfaces

CAN, DI, AI, PWM, HSO, LSO, 5V outputs, etc.

Model-Based Environment

MATLAB/Simulink Model-based development capable

Low Cost Friendly

Unit price friendly for both low & high-volume production

Compatibilities

All-in-one vehicle control HW platform



TECHNICAL CHARACTERISTICS

CAN	Up to 3 CAN bus
Digital Input	Up to 16 channels
Analog Input	Up to 23 channels
Frequency Input	Up to 6 frequency signal input
High-side Output	Up to 6 channels with 4 PWM outputs configurable
Low-side Output	Up to 18 channels with 4 PWM outputs configurable
5V Output	Up to 3 ports
Wake-up	Up to 3 Wake-up signal

INTERFACE

Signal Name	Number	Function	Interface Description
5V Output	3	5V Sensor Voltage	External Sensor 5V Power Supply
AI	23	Analog Input	6 * Analog Signal 0~32V, Voltage type 17 * Analog Signal 0~5V, Resistor type
WAKEUP	3	Power-On Signal	1* KEYON 2 * Wake-Up Signal
DI	16	Digital Input	6 * Active Low 10 * Active High
SPEED	6	Frequency Input	PWM Input 2Hz-1.5kHz configurable
HSO	6	High-Side Driver Output	6 * Rated 1A Maximum 1.5A with 4* PWM Output configurable
LSO	18	Low-Side Driver Output	18* Rated 0.25A Maximum 1A with 4 * PWM Output configurable
CAN	3	CAN	ALL Supports CAN Flashing 1 * Supports Specific Frame Wake-Up

DIMENSION

