

ISM – Integrated switcher module

The baseline for integrated switching



PRODUCT ADVANTAGES:

- Integration of multiple functions into one system
- Modular structure
- Safe start in coasting mode in hybrid cars w/o additional energy storage
- Stabilizing starter battery $\geq 9\text{ V}$
- Controlled termination of start in less than $80\mu\text{s}$ if CL30 drops below 11 V

USE CASES:

- Current control in PHEV or BEV vehicles
- Intelligent current distribution
- Safe start @ $V > 0$ without additional energy storage
- Advanced safety switches (redundancy)
- Switches for autonomous driving

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