

Press Release

Date: Tuesday, October 6, 1998

Re: MIT Consortium Supports 42 Volts for Next Generation Automotive Electrical System

New features and prospective emissions/fuel economy requirements are creating electrical power needs in future automobiles which today's conventional system cannot adequately supply at 14 Vdc (nominal, with a 12 Volt battery). In response, representatives of the automobile manufacturers and component suppliers who comprise the "MIT/Industry Consortium on Advanced Automotive Electrical/Electronic Components and Systems" have agreed that the next-generation automotive electrical system should include a higher-voltage bus operating at 42 Vdc (nominal, with a 36 Volt battery). Consortium representatives are actively engaged in international efforts to develop voltage range specifications for the new *42V PowerNet* system and encourage broad industry cooperation to ensure their incorporation into an industry standard.

Consortium Members

AMP Incorporated	Ford Motor Corporation	Omron Automotive Electronics
BMW AG	General Motors Corporation	PSA-Peugeot Citroën
Robert Bosch Corporation	ISAD Electronic Systems	Renault
Daimler-Benz AG	Johnson Electric North America, Incorporated	Siemens
Delphi Automotive Systems	Magneti Marelli	UT Automotive
Dow Automotive Group	Motorola	Volvo
Eaton Corporation		Yazaki Corporation



MIT/Industry Consortium on Advanced Automotive Electrical/Electronic Components and Systems

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