

48V Circuit Breaker - NEW

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48V Circuit Breaker - NEW

ALUMINIUM CAPACITORS

- MLCC
 - INDUCTORS
 - CUSTOM MAGNETICS
 - MOSFETS
 - DIODES
-

Application Overview

In order to remain 12V battery load while 48V battery line will be used in vehicle. 48V-12V DC-DC converter can bring down 48V-12V, so the converter is major application for future cars, for all topologies Vishay offer you a broad portfolio of solutions. With standard devices like MOSFETs, Diodes, shunt Resistors, TVS, Capacitors and Inductors as well as with customized magnetic solutions. And also can offer coupled inductor depend on some special topologies.

48V Circuit Breaker - NEW : 48V Circuit Breaker, EMI Filter

Aluminium Capacitor

Product Name	Status	Description	Features	Package	Q-Level
260 CLA-V		Alumimum Capacitor SMD vibration proof high temperatur	150...3300uF; 16V...80V	16x16x16 to 18x18x21	AEC Q200

Custom Magnetics

Product Name	Status	Description	Features	Package	Q-Level
customized EMI filter		customized EMI filter			

Inductor

Product Name	Status	Description	Features	Package	Q-Level
IHLP-6767GZ-5A		Low Profile, High Current, High Transient Current Spike Cabable Shielded, Low DCR	0,22uH...47uH, Idc=65A...7.25A	6767	AEC Q200

MLCC

Product Name	Status	Description	Features	Package	Q-Level
VJ...31X RoHS Automotive MLCC		Surface Mount Multilayer Ceramic Chip Capacitors for Automotive Applications	120pF...1uF; 16V...1000V	0402 to 1812	AEC Q200

48V Circuit Breaker - NEW : 48V Circuit Breaker, Reverse Polarity Protection

MOSFET

Product Name	Status	Description	Features	Package	Q-Level
SQJQ410EL		N-Channel 100-V (D-S) 175°C MOSFET	Rdson=3.4mOhm	PPAK 8x8L	AEC Q101

48V Circuit Breaker - NEW : 48V Circuit Breaker, Security Switch

MOSFET

Product Name	Status	Description	Features	Package	Q-Level
SQJQ410EL		N-Channel 100-V (D-S) 175°C MOSFET	Rdson=3.4mOhm	PPAK 8x8L	AEC Q101
SQJQ480E		N-Channel 80-V (D-S) 175°C MOSFET	Rdson=3.4mOhm	PPAK 8x8L	AEC Q101

48V Circuit Breaker - NEW : 48V Circuit Breaker, Transient Protection

TVS Diode

Product Name	Status	Description	Features	Package	Q-Level
1.5 SMC Series		surface mounteTransZorb Transient Voltage Suppressor	1500W	SMCJ	AEC Q101
SMAJ78CA		surface mounteTransZorb Transient Voltage Suppressor	400W,300W	SMAJ	AEC Q101