

# 富士电机Econo-IPM和Econo整流二极管模块

## Fuji Econo-IPM and Econo-Diode Module

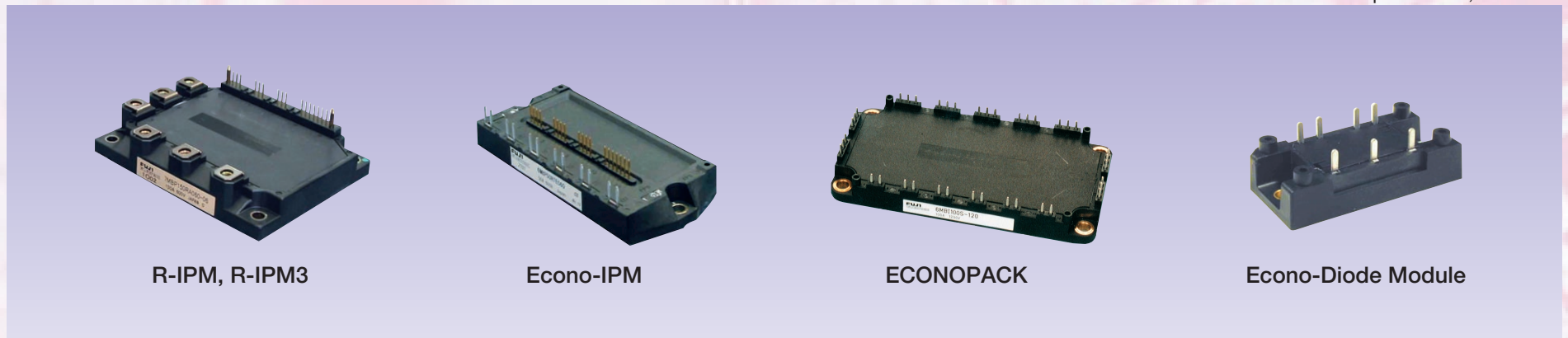
### ● Econo-IPM 概念

- 小型精细封装与ECONOPACK同
- 单门驱动
- 芯片含温度感应器

### Concept of Econo-IPM

- Compact & Low-profile Package similar to ECONOPACK\*
- Monolithic Gate Driver
- On-chip Temperature Sensor

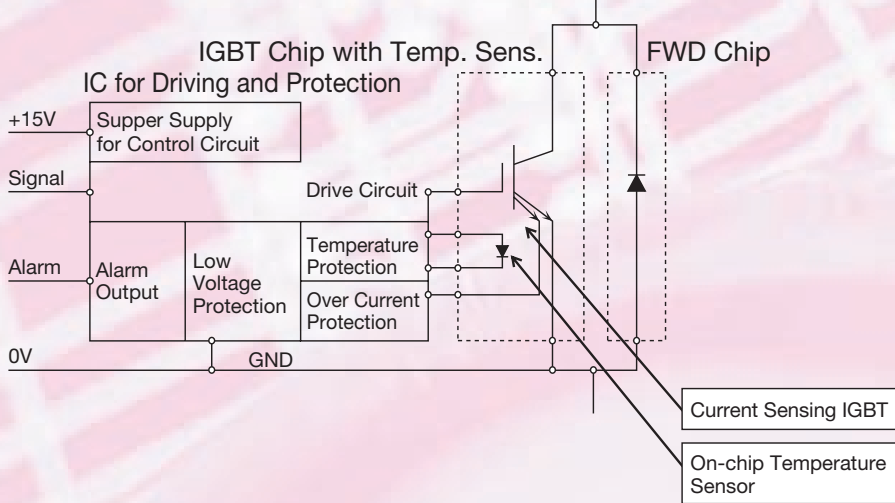
\* "ECONOPACK" is a trade mark of eupec GmbH, Warstein.



Series name	R-IPM, R-IPM3		Econo-IPM	ECONOPACK
Terminal type	Main	Screw terminal	Pin terminal	Pin terminal
	Signal	Pin terminal	Pin terminal	Pin terminal
Height of PCB	22mm		17mm	17mm
PKG No.	P610, P611		P622	PC3, EP3
Dimensions	L x W x D (mm)	109 x 88 x 22	122 x 55 x 17	122 x 62 x 17

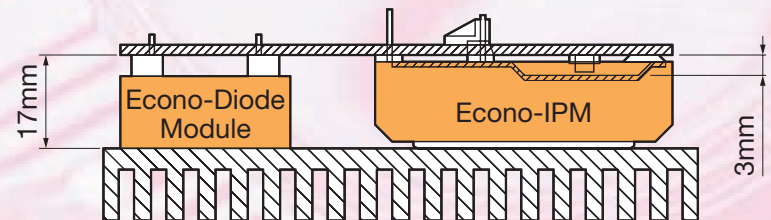
### ● IPM 驱动电路功能

#### Function of the drive circuit in IPM



### ● IPM 散热片装欲图

#### Installation image of IPM in side-fin



### ● Econo-IPM 系列

#### Line-up of Econo-IPM

Rating	Econo-IPM			
		6 in 1	7 in 1	
600V	50A	6MBP50TEA060	7MBP50TEA060	
	75A	6MBP75TEA060	7MBP75TEA060	
	100A	6MBP100TEA060	7MBP100TEA060	
	150A	6MBP150TEA060	7MBP150TEA060	
1200V	25A	6MBP25UEA120	7MBP25UEA120	
	50A	6MBP50UEA120	7MBP50UEA120	
	75A	6MBP75UEA120	7MBP75UEA120	

### ● Econo-Diode Module 系列

#### Line-up of Econo-Diode Module

Type name	Device ratings			
	Converter		Dynamic Brake	
	VRRM	Io	VCES	IC
6Ri50P-080	800V	50A	—	—
6Ri75P-080	800V	75A	—	—
6Ri100P-080	800V	100A	—	—
6Ri50P-160	1600V	50A	—	—
6Ri75P-160	1600V	75A	—	—
6Ri100P-160	1600V	100A	—	—
6R1MBi50P-080	800V	50A	600V	30A
6R1MBi75P-080	800V	75A	600V	50A
6R1MBi100P-080	800V	100A	600V	50A
6R1MBi50P-160	1600V	50A	1400V	25A
6R1MBi75P-160	1600V	75A	1400V	35A
6R1MBi100P-160	1600V	100A	1400V	50A