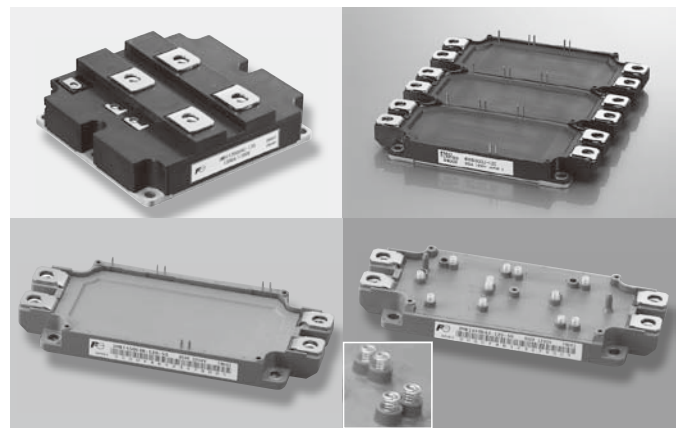


# 富士IGBTハイパワーモジュール Fuji IGBT High Power Modules

## ■特長 Features

- 高性能、第5、6世代IGBTチップ・FWDを使用
- 低インダクタンス、高熱伝導パッケージ
- 高絶縁パッケージ
  - ・ High performance 5/6th gen. IGBT/FWD chipset
  - ・ Low inductance, extra thermal package
  - ・ Longer isolation lifetime package material



## ■ラインアップ Line-up

	450	600	800	900	1200	1400	1600	2400	3600	[A]
1200V High Power Application	ECONO x1		ECONO x2			ECONO x3		New Dual or ECONO PACK™+		
	600A		1200A			1800A				
	High Power Module	HPM 2in1 x1				HPM 1in1 x1				
		HPM-600A HPM800A		1200A		1400A HPM-1600A		2400A		3600A
New Package	TypeA x1			TypeA x2						
	TypeA-600A		TypeA-900A		TypeB x1		TypeB x2			
					TypeB-1400A		Up to 2800A			

	450	600	800	900	1200	1400	1600	2400	3600	[A]
1700V High Power Application	ECONO x1		ECONO x2			ECONO x3		New Dual or ECONO PACK™+		
	450A		900A			1350A				
	High Power Module	HPM 2in1 x1				HPM 1in1 x1				
		HPM-600A HPM800A		1200A		HPM-1600A		2400A		3600A
New Package	TypeA x1			TypeA x2						
	TypeA-650A		1300A		TypeB x1		TypeB x2			TypeB x3
					TypeB-1000A		2000A		3000A	

Note: ECONO PACK™+ is a registered trademark of Infineon Technology AG, Germany

## ■詳細情報 Detail info.

### 1 in1 IGBT module

Application	Type name	Voltage	Current	PKG type	PKG size	Base	Isolation substrate
Industrial general purpose	1MBI1200U4C-120	1200V	1200A	M151	130mm x 140mm	Cu	Si3N4
	1MBI1600U4C-120		1600A				
	1MBI2400U4D-120		2400A	M152	190mm x 140mm		
	1MBI3600U4D-120		3600A				
	1MBI1200U4C-170	1700V	1200A	M151	130mm x 140mm		
	1MBI1600U4C-170		1600A				
	1MBI2400U4D-170		2400A	M152	190mm x 140mm		
	1MBI3600U4D-170		3600A				

### 2 in1 IGBT module

Application	Type name	Voltage	Current	PKG type	PKG size	Base	Isolation substrate
Industrial general purpose	2MBI600U4G-120	1200V	600A	M256	130mm x 140mm	Cu	Si3N4
	2MBI800U4G-120		800A				
	2MBI1200U4G-120		1200A				
	2MBI600U4G-170	1700V	600A				
	2MBI800U4G-170		800A				
	2MBI1200U4G-170		1200A				

## ■製品系列 Series

[A]	1200V				1700V				3300V	
	HPM 1in1	HPM 2in1	PP 2in1	DualXT 2in1	HPM 1in1	HPM 2in1	PP 2in1	DualXT 2in1	HPM 2in1	PP 2in1
300				—				—		
450				—				—		
600		—	—	—		—		—		
650							—			
800		—				—			—	
900			—							
1000							—			
1200	—	—			—	—			—	
1400			—							
1500									—	
1600	—				—					
2400	—				—					
3600	—				—					

MP by end 2008

sample in 2009

will be later than 2010

tentative development plan, subjected to future change