



#### FPF2G120BF07AS Information

Heisener.com

Part Number FPF2G120BF07AS

Manufacturer Fairchild/ON Semiconductor

Category Discrete Semiconductor Products
Transistors - IGBTs - Modules

**Description** IC LOAD SWITCH

Package Module

For the pricing/inventory/lead time, please contact

us

For Reference Only

Website: https://www.heisener.com
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# **Certified Quality**

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## FPF2G120BF07AS Specifications

Manufacturer       FPF2G120BF07AS         Manufacturer       Fairchild/ON Semiconductor         Category       Discrete Semiconductor Products         Transistors - IGBTs - Modules         Package       Module         Series       -         IGBT Type       Field Stop         Configuration       3 Independent         Voltage - Collector Emitter Breakdown (Max)       650V         Current - Collector (Ic) (Max)       40A         Power - Max       156W         Vce(on) (Max) @ Vge, Ic       2.2V @ 15V, 40A         Current - Collector Cutoff (Max)       250μA         Input Capacitance (Cies) @ Vce       -         Input       Standard         NTC Thermistor       Yes         Operating Temperature       -40°C ~ 150°C (TJ)         Mounting Type       Through Hole         Package / Case       Module         Supplier Device Package       F2		
CategoryDiscrete Semiconductor ProductsPackageModuleSeries-IGBT TypeField StopConfiguration3 IndependentVoltage - Collector Emitter Breakdown (Max)650VCurrent - Collector (Ic) (Max)40APower - Max156WVce(on) (Max) @ Vge, Ic2.2V @ 15V, 40ACurrent - Collector Cutoff (Max)250μAInput Capacitance (Cies) @ Vce-InputStandardNTC ThermistorYesOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseModuleSupplier Device PackageF2	Manufacturer Part Number	FPF2G120BF07AS
Transistors - IGBTs - Modules  Package  Module  Series  - IGBT Type  Field Stop  Configuration  3 Independent  Voltage - Collector Emitter Breakdown (Max)  650V  Current - Collector (Ic) (Max)  Power - Max  156W  Vce(on) (Max) @ Vge, Ic  2.2V @ 15V, 40A  Current - Collector Cutoff (Max)  Input Capacitance (Cies) @ Vce  Input  NTC Thermistor  Yes  Operating Temperature  Mounting Type  Through Hole  Package / Case  Module  Sundard  F2	Manufacturer	Fairchild/ON Semiconductor
Package Module  Series	Category	Discrete Semiconductor Products
Series - Gentlement - Gentlemen		Transistors - IGBTs - Modules
IGBT TypeField StopConfiguration3 IndependentVoltage - Collector Emitter Breakdown (Max)650VCurrent - Collector (Ic) (Max)40APower - Max156WVce(on) (Max) @ Vge, Ic2.2V @ 15V, 40ACurrent - Collector Cutoff (Max)250µAInput Capacitance (Cies) @ Vce-InputStandardNTC ThermistorYesOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseModuleSupplier Device PackageF2	Package	Module
Configuration  Voltage - Collector Emitter Breakdown (Max)  650V  Current - Collector (Ic) (Max)  Power - Max  156W  Vce(on) (Max) @ Vge, Ic  Current - Collector Cutoff (Max)  22V @ 15V, 40A  Current - Collector Cutoff (Max)  Input Capacitance (Cies) @ Vce  Input  Standard  NTC Thermistor  Yes  Operating Temperature  -40°C ~ 150°C (TJ)  Mounting Type  Through Hole  Package / Case  Module  Supplier Device Package	Series	-
Voltage - Collector Emitter Breakdown (Max)650 VCurrent - Collector (Ic) (Max)40APower - Max156 WVce(on) (Max) @ Vge, Ic2.2 V @ 15 V, 40ACurrent - Collector Cutoff (Max)250μAInput Capacitance (Cies) @ Vce-InputStandardNTC ThermistorYesOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseModuleSupplier Device PackageF2	IGBT Type	Field Stop
Current - Collector (Ic) (Max)  Power - Max  156W  Vce(on) (Max) @ Vge, Ic  2.2V @ 15V, 40A  Current - Collector Cutoff (Max)  Input Capacitance (Cies) @ Vce  Input  Standard  NTC Thermistor  Operating Temperature  40°C ~ 150°C (TJ)  Mounting Type  Through Hole  Package / Case  Supplier Device Package  F2	Configuration	3 Independent
Power - Max156WVce(on) (Max) @ Vge, Ic2.2V @ 15V, 40ACurrent - Collector Cutoff (Max)250μAInput Capacitance (Cies) @ Vce-InputStandardNTC ThermistorYesOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseModuleSupplier Device PackageF2	Voltage - Collector Emitter Breakdown (Max)	650V
Vce(on) (Max) @ Vge, Ic2.2V @ 15V, 40ACurrent - Collector Cutoff (Max)250μAInput Capacitance (Cies) @ Vce-InputStandardNTC ThermistorYesOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseModuleSupplier Device PackageF2	Current - Collector (Ic) (Max)	40A
Current - Collector Cutoff (Max)  Input Capacitance (Cies) @ Vce  Input  Standard  NTC Thermistor  Yes  Operating Temperature  -40°C ~ 150°C (TJ)  Mounting Type  Through Hole  Package / Case  Module  Supplier Device Package	Power - Max	156W
Input Capacitance (Cies) @ Vce Input Standard  NTC Thermistor Yes Operating Temperature -40°C ~ 150°C (TJ)  Mounting Type Through Hole  Package / Case Module  Supplier Device Package	Vce(on) (Max) @ Vge, Ic	2.2V @ 15V, 40A
Input  Standard  NTC Thermistor  Operating Temperature  -40°C ~ 150°C (TJ)  Mounting Type  Through Hole  Package / Case  Module  Supplier Device Package	Current - Collector Cutoff (Max)	250μΑ
NTC Thermistor  Operating Temperature  -40°C ~ 150°C (TJ)  Mounting Type  Through Hole  Package / Case  Module  Supplier Device Package  F2	Input Capacitance (Cies) @ Vce	-
Operating Temperature  -40°C ~ 150°C (TJ)  Mounting Type  Through Hole  Package / Case  Module  Supplier Device Package  F2	Input	Standard
Mounting Type Through Hole Package / Case Module Supplier Device Package F2	NTC Thermistor	Yes
Package / Case Module Supplier Device Package F2	Operating Temperature	-40°C ~ 150°C (TJ)
Supplier Device Package F2	Mounting Type	Through Hole
	Package / Case	Module
Report errors?	Supplier Device Package	F2
		Report errors?

#### FPF2G120BF07AS Guarantees



#### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

### FPF2G120BF07AS Payment Methods



















### FPF2G120BF07AS Shipping Methods













If you have any question about FPF2G120BF07AS, please do not hesitate to contact us!

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