



#### FS6X0420RJ Information



For Reference Only

Part Number FS6X0420RJ

Manufacturer Fairchild/ON Semiconductor
Category Integrated Circuits (ICs)

PMIC - AC DC Converters, Offline Switchers

**Description**IC SWIT PWM CM OVP UVLO HV D2PAK**Package**TO-263-7, D2Pak (6 Leads + Tab), TO-263CB

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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## **Certified Quality**

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# FS6X0420RJ Specifications

Manufacturer Part NumberFS6X0420RJManufacturerFairchild/ON SemiconductorCategoryIntegrated Circuits (ICs)PMIC - AC DC Converters, Offline SwitchersPackageTO-263-7, D2Pak (6 Leads + Tab), TO-263CBSeriesFPS?Output IsolationIsolatedInternal Switch(s)YesVoltage - Breakdown200VTopologyFlyback, ForwardVoltage - Start Up15VVoltage - Supply (Vcc/Vdd)9 V ~ 35 VDuty Cycle80%Frequency - Switching300kHzPower (Watts)14WFault ProtectionCurrent Limiting, Over Load, Over Temperature, Over VoltageControl Features-Operating Temperature-25°C ~ 85°C (TA)Package / CaseTO-263-7, D2Pak (6 Leads + Tab), TO-263CBSupplier Device PackageD2PAK-6Mounting TypeSurface Mount	•	
Category         Integrated Circuits (ICs)           PMIC - AC DC Converters, Offline Switchers           Package         TO-263-7, D2Pak (6 Leads + Tab), TO-263CB           Series         FPS?           Output Isolation         Isolated           Internal Switch(s)         Yes           Voltage - Breakdown         200V           Topology         Flyback, Forward           Voltage - Start Up         15V           Voltage - Supply (Vcc/Vdd)         9 V ~ 35 V           Duty Cycle         80%           Frequency - Switching         300kHz           Power (Watts)         14W           Fault Protection         Current Limiting, Over Load, Over Temperature, Over Voltage           Control Features         -           Operating Temperature         -25°C ~ 85°C (TA)           Package / Case         TO-263-7, D2Pak (6 Leads + Tab), TO-263CB           Supplier Device Package         D2PAK-6           Mounting Type         Surface Mount	Manufacturer Part Number	FS6X0420RJ
PMIC - AC DC Converters, Offline Switchers  Package TO-263-7, D2Pak (6 Leads + Tab), TO-263CB  Series FPS?  Output Isolation Isolated Internal Switch(s) Yes  Voltage - Breakdown 200V  Topology Flyback, Forward  Voltage - Start Up 15V  Voltage - Supply (Vcc/Vdd) 9 V ~ 35 V  Duty Cycle 80%  Frequency - Switching 300kHz  Power (Watts) 14W  Fault Protection Current Limiting, Over Load, Over Temperature, Over Voltage  Control Features - 25°C ~ 85°C (TA)  Package / Case TO-263-7, D2Pak (6 Leads + Tab), TO-263CB  Supplier Device Package D2PAK-6  Mounting Type Surface Mount	Manufacturer	Fairchild/ON Semiconductor
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Internal Switch(s)  Ves  Voltage - Breakdown  Topology  Flyback, Forward  Voltage - Start Up  15V  Voltage - Supply (Vcc/Vdd)  Puty Cycle  80%  Frequency - Switching  300kHz  Power (Watts)  Fault Protection  Current Limiting, Over Load, Over Temperature, Over Voltage  Control Features  Operating Temperature  -25°C ~ 85°C (TA)  Package / Case  TO-263-7, D2Pak (6 Leads + Tab), TO-263CB  Supplier Device Package  Mounting Type  Surface Mount	Series	FPS?
Voltage - Breakdown  Topology  Flyback, Forward  Voltage - Start Up  15V  Voltage - Supply (Vcc/Vdd)  9 V ~ 35 V  Duty Cycle  80%  Frequency - Switching  300kHz  Power (Watts)  14W  Fault Protection  Current Limiting, Over Load, Over Temperature, Over Voltage  Control Features  Operating Temperature  -25°C ~ 85°C (TA)  Package / Case  TO-263-7, D2Pak (6 Leads + Tab), TO-263CB  Supplier Device Package  Mounting Type  Surface Mount	Output Isolation	Isolated
Topology Flyback, Forward  Voltage - Start Up 15V  Voltage - Supply (Vcc/Vdd) 9 V ~ 35 V  Duty Cycle 80% Frequency - Switching 300kHz  Power (Watts) 14W  Fault Protection Current Limiting, Over Load, Over Temperature, Over Voltage  Control Features Operating Temperature -25°C ~ 85°C (TA)  Package / Case TO-263-7, D2Pak (6 Leads + Tab), TO-263CB  Supplier Device Package Mounting Type Surface Mount	Internal Switch(s)	Yes
Voltage - Start Up  Voltage - Supply (Vcc/Vdd)  9 V ~ 35 V  Duty Cycle  80%  Frequency - Switching  300kHz  Power (Watts)  14W  Fault Protection  Current Limiting, Over Load, Over Temperature, Over Voltage  Control Features  - Operating Temperature  -25°C ~ 85°C (TA)  Package / Case  TO-263-7, D2Pak (6 Leads + Tab), TO-263CB  Supplier Device Package  Mounting Type  Surface Mount	Voltage - Breakdown	200V
Voltage - Supply (Vcc/Vdd)  Duty Cycle  80%  Frequency - Switching  300kHz  Power (Watts)  14W  Fault Protection  Current Limiting, Over Load, Over Temperature, Over Voltage  Control Features  - Operating Temperature  -25°C ~ 85°C (TA)  Package / Case  TO-263-7, D2Pak (6 Leads + Tab), TO-263CB  Supplier Device Package  Mounting Type  Surface Mount	Topology	Flyback, Forward
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Supplier Device Package D2PAK-6  Mounting Type Surface Mount	Operating Temperature	$-25^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$
Mounting Type Surface Mount	Package / Case	TO-263-7, D2Pak (6 Leads + Tab), TO-263CB
0 71	Supplier Device Package	D2PAK-6
	Mounting Type	Surface Mount
Report errors?		Report errors?

#### FS6X0420RJ 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.

### FS6X0420RJ Payment Methods



















### FS6X0420RJ Shipping Methods













If you have any question about FS6X0420RJ, please do not hesitate to contact us!

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