

Converter Offline 170kHz~207kHz 20-SOP

Manufacturers	<u>Renesas Technology Corp</u>
Package/Case	SOP-20
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for M51995AFP#CF0J or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

M51995AFP#CF0J is a specific part number for a power management IC (integrated circuit) manufactured by STMicroelectronics.

### Features

- Built-in overvoltage protection (OVP) and overcurrent protection (OCP)
- Soft-start function to reduce inrush current
- Integrated power switch with low RDS(on)
- Adjustable output voltage and current limit
- Operating voltage range of 7V to 20V
- Output voltage range of 0.8V to 5.5V

### Application

- LCD monitors and TVs
- Set-top boxes
- DVD players and recorders
- Game consoles
- Audio equipment
- Industrial control systems

Pb-Free T.

RENESAS

D/N M51995AFP CFOG  
SPN M51995AFP#CFOJ CFOG

MC: JPCN  
ASSEMBLED IN CHINA  
FROM WAFERS OF JAPAN

2014/09/06



PID 143628613S-001  
QTY 2000  
PCD M51995AFP#CFOJ  
T/C 1436 435ZOV  
S. LOT ZCD146120P

If the devices have been stored longer than the limit specified in item 1 above, perform baking at 125°C for 24 hours. Note that any special instructions on the inner label should be followed.

Do not use containers that are not marked "heat-resistant" for baking due to the risk of fire. Either transfer the devices to a heat-resistant container or use a drying process other than baking.

3. With the moisture-resistant bag unopened, the maximum storage life is two years at a temperature of 5°C to 35°C and RH of 85% or below.

4. If special conditions such as those listed below are specified on the inner label, the storage conditions must be within the specified values, and the baking conditions must match the specified values.

T: Peak temperature (temperature[°C])  
L: Storage conditions after opening (temperature[°C], humidity[%RH], maximum storage duration [H:hour, D:day, W:week], other storage conditions [10 → less than 10%RH, 20 → less than or equal to 20%RH, J → in accordance with J-STD-033 (including handling according to HIC indications)])

B: Re-baking conditions (temperature[°C], re-baking time[H:hour], special notes[A:unpack immediately before soldering, B:heat pin leads only, C:unpack immediately before programming and bake after programming, D:baking required, E:special baking instructions (40°C±5°C/-0°C, 5%RH, 192 hours, or 125°C±5°C, 24 hours), J:in accordance with J-STD-033])



**Related Products**



[M51958BFP](#)  
Renesas Technology Corp  
SOP-20



[M51957BFP](#)  
Renesas Technology Corp  
SOP-8



[M5M51008DVP-70H](#)  
Renesas Technology Corp  
TSOP32



[M5223AFP](#)  
Renesas Technology Corp  
SOP-8



[M5M51008DFP-70H](#)  
Renesas Technology Corp  
SOP-32



[M5M51008DFP-55HIBT](#)  
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SOP-32



[M5M5V108DVP-70H](#)  
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[M51995AP#TF0J](#)  
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