



UPD166038T1J-E1-AY

Manufacturer Part Number	UPD166038T1J-E1-AY
Manufacturer	Renesas Electronics Corporation
Allelco Part Number	32D-UPD166038T1J-E1-AY
ECAD Model	Request Free CAD Models
Parts Description	POWER:INTELLGENT POWER DEVICES
Package	12-PowerBSOP (0.295", 7.50mm Width)
Data sheet	UPD166038T1J-E1-AY.pdf
RoHs Status	ROHS3 Compliant



Get a Quote

UPD166038T1J-E1-AY - Renesas Electronics America Inc.New Original in Stock. Download Linear Technology UPD166038T1J-E1-AY datasheet/specifications on AllelcoElec.com.
Request a quote for UPD166038T1J-E1-AY, please send us email: info@allelco.com

Specifications

UPD166038T1J-E1-AY Tech Specifications
UPD166038T1J-E1-AY - Renesas Electronics America Inc technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Renesas Electronics Corporation	Output Type	N-Channel
Voltage - Supply (Vcc/Vdd)	4.5V ~ 28V	Output Configuration	High Side
Voltage - Load	4.5V ~ 28V	Operating Temperature	-40°C ~ 150°C
Switch Type	General Purpose	Number of Outputs	2
Supplier Device Package	12-HSSOP	Mounting Type	Surface Mount
Series	-	Interface	Logic
Rds On (Typ)	20mOhm	Input Type	Non-Inverting
Ratio - Input:Output	1:1	Features	Slew Rate Controlled
Package / Case	12-PowerBSOP (0.295", 7.50mm Width)	Fault Protection	Current Limiting (Fixed), Open Load Detect, Over Load, Over Temperature, Reverse Current, Short Circuit, UVLO
Package	Tape & Reel (TR)	Current - Output (Max)	33A

Parts with Similar Specifications

The three parts on the right have similar specifications to Renesas Electronics America Inc UPD166038T1J-E1-AY

Product Attribute	NO PICTURE			NO PICTURE
Part Number	UPD166038T1J-E1-AY	UPD166037T1J-E1-AY	UPD166036GR-E1-AY	UPD166105GS-E1
Manufacturer	Renesas Electronics America Inc	Renesas Electronics America Inc	Renesas Electronics Corporation	NEC
Rds On (Typ)	20mOhm	30mOhm	-	-
Features	Slew Rate Controlled	-	-	-
Mounting Type	Surface Mount	Surface Mount	-	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	-	-
Current - Output (Max)	33A	-	-	-
Supplier Device Package	12-HSSOP	12-PowerHSSOP	-	-
Input Type	Non-Inverting	-	-	-
Output Type	N-Channel	N-Channel	-	-
Voltage - Supply (Vcc/Vdd)	4.5V ~ 28V	Not Required	-	-
Package / Case	12-PowerBSOP (0.295", 7.50mm Width)	12-PowerBSOP (0.295", 7.50mm Width)	-	-
Series	-	-	-	-
Switch Type	General Purpose	General Purpose	-	-
Ratio - Input:Output	1:1	1:1	-	-
Fault Protection	Current Limiting (Fixed), Open Load Detect, Over Load, Over Temperature, Reverse Current, Short Circuit, UVLO	Current Limiting (Fixed), Over Temperature	-	-
Number of Outputs	2	2	-	-
Interface	Logic	On/Off	-	-
Operating Temperature	-40°C ~ 150°C	-40°C ~ 150°C (TC)	-	-
Voltage - Load	4.5V ~ 28V	4.5V ~ 28V	-	-
Output Configuration	High Side	High Side	-	-

Customers Also Interested in

Recommended Products

	NO PICTURE	NO PICTURE		NO PICTURE	
UPD166036GR-E1-AY	UPD166105GS-E1	UPD166034-T1U-E2-AY	UPD166031T1U-E1AY	UPD166100GR-E1	UPD166034T1U-E1-AY
Renesas Electronics Corporation	NEC	RENRSAS	Renesas Electronics Corporation	NEC	Renesas Electronics America Inc POWER TRS2 IPD MP-32K HIGH SIDE


UPD166031T1U-E1-AY

Renesas Electronics Corporation

UPD166105GS-E1-AY

 Renesas Electronics America Inc
IC MCU

UPD166104GS-E1-AZ

 Renesas Electronics America Inc
IC MCU

UPD166101GR-E1-AZ

 Renesas Electronics America Inc
IC MCU

UPD166033T1U-E1-AY

 Renesas Electronics America Inc
POWER DEVICE E IPD MP-3ZK HIGHT

UPD166035GR-E1-AY

Renesas Electronics Corporation


UPD166037T1J-E1-AY

 Renesas Electronics America Inc
IC PWR IPD N-CHAN 1:1
12PWRHSSOP

UPD166105GS

Renesas Electronics Corporation

UPD166100GR-E1-AZ

Renesas Electronics Corporation

UPD166104GS-E1

NEC

UPD166031T1U-E1-/AY

Renesas Electronics Corporation

UPD166032T1U-E1-AY

 Renesas Electronics America Inc
POWER TRANSISTOR IPD MP-3ZK
HIGH

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

> Use your express account for shipment if you have one.

> Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.

> Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,
PayPal.



Your Faithful Supply Chain Partner -

Efficient Supply Management
 Cost-Saving Procurement
 Fast Sourcing & Delivery

Contact us if you have any questions.

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Certifications & Memberships



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