

UPA2600T1R-E2-AX

UPA2600T1R-E2-AX Information

Heisener.com

Part Number UPA2600T1R-E2-AX

ManufacturerRenesas Electronics AmericaCategoryDiscrete Semiconductor Products

Transistors - FETs, MOSFETs - Single **Description** MOSFET N-CH 20V 7A 6SON

Package 6-WFDFN Exposed Pad

For the pricing/inventory/lead time, please contact

us

For Reference Only

Website: https://www.heisener.com
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UPA2600T1R-E2-AX Specifications

Manufacturer Part Number UPA2600TIR-E2-AX Manufacturer Renesas Electronics America Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package 6-WFDFN Exposed Pad Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 20V Current - Continuous Drain (Id) @ 25°C 7A (Ta) Drive Voltage (Max Rds On, Min Rds On) 2.5V, 4.5V Vgs(th) (Max) @ Id - Gate Charge (Qg) (Max) @ Vgs 7.9nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 870pF @ 10V Vgs (Max) ±12V FET Feature - Power Dissipation (Max) 2.4W (Ta) Rds On (Max) @ Id, Vgs 19.1 mOhm @ 3.5A, 2.5V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 6-HUSON (2x2) Package / Case 6-WFDFN Exposed Pad		
Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single 6-WFDFN Exposed Pad Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Parin to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C TA (Ta) Drive Voltage (Max Rds On, Min Rds On) 2.5V, 4.5V Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs 1.9nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 870pF @ 10V Vgs (Max) #ET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 19.1 mohm @ 3.5A, 2.5V Operating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case 6-WFDFN Exposed Pad	Manufacturer Part Number	UPA2600T1R-E2-AX
Package 6-WFDFN Exposed Pad Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 20V Current - Continuous Drain (Id) @ 25°C 7A (Ta) Drive Voltage (Max Rds On, Min Rds On) 2.5V, 4.5V Vgs(th) (Max) @ Id - Gate Charge (Qg) (Max) @ Vds 7.9nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 870F @ 10V Vgs (Max) ±12V FET Feature - Power Dissipation (Max) 2.4W (Ta) Rds On (Max) @ Id, Vgs 19.1 mOhm @ 3.5A, 2.5V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 6-HUSON (2x2) Package / Case 6-WFDFN Exposed Pad	Manufacturer	Renesas Electronics America
Package6-WFDFN Exposed PadSeries-FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)20VCurrent - Continuous Drain (Id) @ 25°C7A (Ta)Drive Voltage (Max Rds On, Min Rds On)2.5V, 4.5VVgs(th) (Max) @ Id-Gate Charge (Qg) (Max) @ Vgs7.9nC @ 10VInput Capacitance (Ciss) (Max) @ Vds870pF @ 10VVgs (Max)±12VFET Feature-Power Dissipation (Max)2.4W (Ta)Rds On (Max) @ Id, Vgs19.1 mOhm @ 3.5A, 2.5VOperating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device Package6-HUSON (2x2)Package / Case6-WFDFN Exposed Pad	Category	Discrete Semiconductor Products
Series-FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)20VCurrent - Continuous Drain (Id) @ 25°C7A (Ta)Drive Voltage (Max Rds On, Min Rds On)2.5V, 4.5VVgs(th) (Max) @ Id-Gate Charge (Qg) (Max) @ Vgs7.9nC @ 10VInput Capacitance (Ciss) (Max) @ Vds870pF @ 10VVgs (Max)±12VFET Feature-Power Dissipation (Max)2.4W (Ta)Rds On (Max) @ Id, Vgs19.1 mOhm @ 3.5A, 2.5VOperating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device Package6-HUSON (2x2)Package / Case6-WFDFN Exposed Pad		Transistors - FETs, MOSFETs - Single
FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 20V Current - Continuous Drain (Id) @ 25°C 7A (Ta) Drive Voltage (Max Rds On, Min Rds On) 2.5V, 4.5V Vgs(th) (Max) @ Id - Gate Charge (Qg) (Max) @ Vgs 7.9nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 870pF @ 10V Vgs (Max) ±12V FET Feature - Power Dissipation (Max) 2.4W (Ta) Rds On (Max) @ Id, Vgs 19.1 mOhm @ 3.5A, 2.5V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 6-HUSON (2x2) Package / Case 6-WFDFN Exposed Pad	Package	6-WFDFN Exposed Pad
Technology Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 7A (Ta) Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) **ET Feature** Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package Package / Case MOSFET (Metal Oxide) 20V **Converting Temperature (Max) **ET Facture (Tax (Max) & Max) **ET Feature (Max) & Max (Max) **ET Feature (Ma	Series	-
Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 7A (Ta) Prive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs Toync @ 10V Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package Package / Case 20V 7A (Ta) 7A	FET Type	N-Channel
Current - Continuous Drain (Id) @ 25°C Drive Voltage (Max Rds On, Min Rds On) 2.5V, 4.5V Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs 7.9nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 870pF @ 10V Vgs (Max) ±12V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 19.1 mOhm @ 3.5A, 2.5V Operating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case 7A (Ta) 7A	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 19.1 mOhm @ 3.5A, 2.5V Operating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case 6-WFDFN Exposed Pad	Drain to Source Voltage (Vdss)	20V
Vgs(th) (Max) @ Id - Gate Charge (Qg) (Max) @ Vgs 7.9nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 870pF @ 10V Vgs (Max) ±12V FET Feature - Power Dissipation (Max) 2.4W (Ta) Rds On (Max) @ Id, Vgs 19.1 mOhm @ 3.5A, 2.5V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 6-HUSON (2x2) Package / Case 6-WFDFN Exposed Pad	Current - Continuous Drain (Id) @ 25°C	7A (Ta)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds 870pF @ 10V Vgs (Max) ±12V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 19.1 mOhm @ 3.5A, 2.5V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 6-HUSON (2x2) Package / Case 6-WFDFN Exposed Pad	Drive Voltage (Max Rds On, Min Rds On)	2.5V, 4.5V
Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) ET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 19.1 mOhm @ 3.5A, 2.5V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 6-HUSON (2x2) Package / Case 6-WFDFN Exposed Pad	Vgs(th) (Max) @ Id	-
Vgs (Max)±12VFET Feature-Power Dissipation (Max)2.4W (Ta)Rds On (Max) @ Id, Vgs19.1 mOhm @ 3.5A, 2.5VOperating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device Package6-HUSON (2x2)Package / Case6-WFDFN Exposed Pad	Gate Charge (Qg) (Max) @ Vgs	7.9nC @ 10V
FET Feature - Power Dissipation (Max) 2.4W (Ta) Rds On (Max) @ Id, Vgs 19.1 mOhm @ 3.5A, 2.5V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 6-HUSON (2x2) Package / Case 6-WFDFN Exposed Pad	Input Capacitance (Ciss) (Max) @ Vds	870pF @ 10V
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 19.1 mOhm @ 3.5A, 2.5V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 6-HUSON (2x2) Package / Case 6-WFDFN Exposed Pad	Vgs (Max)	±12V
Rds On (Max) @ Id, Vgs19.1 mOhm @ 3.5A, 2.5VOperating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device Package6-HUSON (2x2)Package / Case6-WFDFN Exposed Pad	FET Feature	-
Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 6-HUSON (2x2) Package / Case 6-WFDFN Exposed Pad	Power Dissipation (Max)	2.4W (Ta)
Mounting Type Surface Mount Supplier Device Package 6-HUSON (2x2) Package / Case 6-WFDFN Exposed Pad	Rds On (Max) @ Id, Vgs	19.1 mOhm @ 3.5A, 2.5V
Supplier Device Package 6-HUSON (2x2) Package / Case 6-WFDFN Exposed Pad	Operating Temperature	150°C (TJ)
Package / Case 6-WFDFN Exposed Pad	Mounting Type	Surface Mount
	Supplier Device Package	6-HUSON (2x2)
Report errors?	Package / Case	6-WFDFN Exposed Pad
		Report errors?

UPA2600T1R-E2-AX 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.

UPA2600T1R-E2-AX Payment Methods



















UPA2600T1R-E2-AX Shipping Methods













If you have any question about UPA2600T1R-E2-AX, please do not hesitate to contact us!

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