



FQB7P20TM_F085 Information



For Reference Only

Part Number FQB7P20TM_F085

ManufacturerFairchild/ON SemiconductorCategoryDiscrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

Description MOSFET P-CH 200V 7.3A D2PAK

Package TO-263-3, D2Pak (2 Leads + Tab), TO-263AB

For the pricing/inventory/lead time, please contact

us

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



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FQB7P20TM_F085 Specifications

Manufacturer Part Number FQB7P20TM_F085 Manufacturer Fairchild/ON Semiconductor Category Discrete Semiconductor Products Package To-263-3, D2Pak (2 Leads + Tab), TO-263AB Series Automotive, AEC-Q101, QFET? FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 200V Current - Continuous Drain (Id) @ 25°C 7.3A (Tc) Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 5V @ 250μA Gate Charge (Qg) (Max) @ Vgs 25nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 770pF @ 25V Vgs (Max) ±30V FET Feature - Power Dissipation (Max) 3.13W (Ta), 90W (Tc) Rds On (Max) @ Id, Vgs 690 mOhm @ 3.65A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package D2PAK (TO-263AB) Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB		
CategoryDiscrete Semiconductor ProductsTransistors - FETs, MOSFETs - SinglePackageTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSeriesAutomotive, AEC-Q101, QFET?FET TypeP-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)200VCurrent - Continuous Drain (Id) @ 25°C7.3A (Tc)Drive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id5V @ 250µAGate Charge (Qg) (Max) @ Vgs25nC @ 10VInput Capacitance (Ciss) (Max) @ Vds770pF @ 25VVgs (Max)±30VFET Feature-Power Dissipation (Max)3.13W (Ta), 90W (Tc)Rds On (Max) @ Id, Vgs690 mOhm @ 3.65A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageD2PAK (TO-263AB)Package / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Manufacturer Part Number	FQB7P20TM_F085
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PackageTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSeriesAutomotive, AEC-Q101, QFET?FET TypeP-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)200VCurrent - Continuous Drain (Id) @ 25°C7.3A (Tc)Drive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id5V @ 250μAGate Charge (Qg) (Max) @ Vgs25nC @ 10VInput Capacitance (Ciss) (Max) @ Vds770pF @ 25VVgs (Max)±30VFET Feature-Power Dissipation (Max)3.13W (Ta), 90W (Tc)Rds On (Max) @ Id, Vgs690 mOhm @ 3.65A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageD2PAK (TO-263AB)Package / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Category	Discrete Semiconductor Products
SeriesAutomotive, AEC-Q101, QFET?FET TypeP-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)200VCurrent - Continuous Drain (Id) @ 25°C7.3A (Tc)Drive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id5V @ 250μAGate Charge (Qg) (Max) @ Vgs25nC @ 10VInput Capacitance (Ciss) (Max) @ Vds770pF @ 25VVgs (Max)±30VFET Feature-Power Dissipation (Max)3.13W (Ta), 90W (Tc)Rds On (Max) @ Id, Vgs690 mOhm @ 3.65A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageD2PAK (TO-263AB)Package / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263AB		Transistors - FETs, MOSFETs - Single
FET TypeP-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)200VCurrent - Continuous Drain (Id) @ 25°C7.3A (Te)Drive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id5V @ 250μAGate Charge (Qg) (Max) @ Vgs25nC @ 10VInput Capacitance (Ciss) (Max) @ Vds770pF @ 25VVgs (Max)±30VFET Feature-Power Dissipation (Max)3.13W (Ta), 90W (Tc)Rds On (Max) @ Id, Vgs690 mOhm @ 3.65A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageD2PAK (TO-263AB)Package / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Package	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
TechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)200VCurrent - Continuous Drain (Id) @ 25°C7.3A (Tc)Drive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id5V @ 250μAGate Charge (Qg) (Max) @ Vgs25nC @ 10VInput Capacitance (Ciss) (Max) @ Vds770pF @ 25VVgs (Max)±30VFET Feature-Power Dissipation (Max)3.13W (Ta), 90W (Tc)Rds On (Max) @ Id, Vgs690 mOhm @ 3.65A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageD2PAK (TO-263AB)Package / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Series	Automotive, AEC-Q101, QFET?
Drain to Source Voltage (Vdss)200VCurrent - Continuous Drain (Id) @ 25°C7.3A (Tc)Drive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id5V @ 250μAGate Charge (Qg) (Max) @ Vgs25nC @ 10VInput Capacitance (Ciss) (Max) @ Vds770pF @ 25VVgs (Max)±30VFET Feature-Power Dissipation (Max)3.13W (Ta), 90W (Tc)Rds On (Max) @ Id, Vgs690 mOhm @ 3.65A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageD2PAK (TO-263AB)Package / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263AB	FET Type	P-Channel
Current - Continuous Drain (Id) @ 25°C 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 Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package Package / Case 7.3A (Tc) 600 600 600 600 600 600 600 6	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id St @ 250μA Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) ET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Drain to Source Voltage (Vdss)	200V
Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds 770pF @ 25V Vgs (Max) ±30V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package D2PAK (TO-263AB) Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Current - Continuous Drain (Id) @ 25°C	7.3A (Tc)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds 770pF @ 25V Vgs (Max) ±30V FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 690 mOhm @ 3.65A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package D2PAK (TO-263AB) Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Drive Voltage (Max Rds On, Min Rds On)	10V
Input Capacitance (Ciss) (Max) @ Vds 770pF @ 25V Vgs (Max) ET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 690 mOhm @ 3.65A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package D2PAK (TO-263AB) Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Vgs(th) (Max) @ Id	5V @ 250μA
Vgs (Max) ±30V FET Feature - Power Dissipation (Max) 3.13W (Ta), 90W (Tc) Rds On (Max) @ Id, Vgs 690 mOhm @ 3.65A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package D2PAK (TO-263AB) Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Gate Charge (Qg) (Max) @ Vgs	25nC @ 10V
FET Feature - Power Dissipation (Max) 3.13W (Ta), 90W (Tc) Rds On (Max) @ Id, Vgs 690 mOhm @ 3.65A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package D2PAK (TO-263AB) Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Input Capacitance (Ciss) (Max) @ Vds	770pF @ 25V
Power Dissipation (Max) 3.13W (Ta), 90W (Tc) Rds On (Max) @ Id, Vgs 690 mOhm @ 3.65A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package D2PAK (TO-263AB) Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Vgs (Max)	±30V
Rds On (Max) @ Id, Vgs 690 mOhm @ 3.65A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package D2PAK (TO-263AB) Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	FET Feature	-
Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package D2PAK (TO-263AB) Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Power Dissipation (Max)	3.13W (Ta), 90W (Tc)
Mounting Type Surface Mount Supplier Device Package D2PAK (TO-263AB) Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Rds On (Max) @ Id, Vgs	690 mOhm @ 3.65A, 10V
Supplier Device Package D2PAK (TO-263AB) Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Operating Temperature	-55°C ~ 150°C (TJ)
Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Mounting Type	Surface Mount
	Supplier Device Package	D2PAK (TO-263AB)
Report errors?	Package / Case	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
		Report errors?

FQB7P20TM_F085 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.

FQB7P20TM_F085 Payment Methods





















FQB7P20TM_F085 Shipping Methods













If you have any question about FQB7P20TM_F085, please do not hesitate to contact us!

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