DigiKey

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Dark Mode

Special Purpose Regulators

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Manufacturer	Series	Packaging	Product Status	Applications	Voltage - Input	Number of Outputs	Voltage - Output	Operating Temperature	Package / Case	Supplier Device Package
Infineon Technologies	-	Bulk	Active	Controller, Intel VR12, VR12.5	3V ~ 3.6V	1	0V ~ 3.04V	-40°C ~ 100°C	28-VFQFN Exposed Pad	28-QFN (4x4)
International Rectifier	*	Cut Tape (CT)	Last Time Buy	Controller, Intel VR12, VR12.5, AMD SVI1, SVI2	3.3V	2	0.25V ~ 1.52V	-40°C ~ 105°C	32-VFQFN Exposed Pad	28-VFQFPN (4x4)
Monolithic Power Systems Inc.	D-CAP+™	Digi-Reel®	Not For New Designs	Controller, Intel VR12.5	4.5V ~ 14V	6	0.25V ~ 3.04V	-40°C ~ 125°C	32-WFQFN Exposed Pad	32-QFN (4x4)
onsemi	Robust Ripple Regulat...	Tape & Reel (TR)	Obsolete	Controller, Intel VR12.5, VR12.6	4.5V ~ 17V	-	0.5V ~ 1.52V	-40°C ~ 85°C (TA)	36-VFQFN Exposed Pad	32-QFN (5x5)
Renesas Electronics Corporation		Tray		Controller, Intel VR12.5, VR12.6+	4.5V ~ 20V		0.5V ~ 2.3V	-40°C ~ 85°C	40-VFQFN Exposed Pad	32-VQFN (4x4)
STMicroelectronics		Tube		Controller, Intel VR12.5, VR12.6, VR12.6+	4.5V ~ 24V		0.5V ~ 2.5V	-20°C ~ 85°C	40-WFQFN Exposed Pad	32-WQFN (4x4)
Texas Instruments					4.5V ~ 25V		0.52V ~ 2.3V	-10°C ~ 100°C (TA)	48-VFQFN Exposed Pad	36-QFN (5x5)
					4.5V ~ 28V		-	-10°C ~ 100°C	56-VFQFN Exposed Pad	40-QFN (5x5)
					4.5V ~ 5.5V		Multiple	-10°C ~ 105°C	-	40-QFN (6x6)
					4.75V ~ 5.25V		Programmable	-5°C ~ 85°C (TA)		40-TQFN (5x5)
					5V			0°C ~ 70°C		40-VFQFPN (5x5)

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167 Results

SEARCH ENTRY

Intel VR12.5 ×

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Compare	Mfr Part #	Quantity Available	Price (Price by Quantity)	Series	Package	Product Status	Applications	Voltage - Input	Number of Outputs	Voltage - Output	Operating Temperature	Grade	Qualification	Mounting Type	Package / Case	Supplier Device Package
☐	**TPS53647RTAR** IC REG CTRLR VR12 10UT 40WQFN *Texas Instruments*	1,968 In Stock	1 : $6.37000 Cut Tape (CT); 2,500 : $3.48208 Tape & Reel (TR)	D-CAP+™	Tape & Reel (TR); Cut Tape (CT); Digi-Reel®	Active	Controller, Intel VR12, VR12.5	4.5V ~ 17V	1	0.25V ~ 1.52V	-40°C ~ 125°C	-	-	Surface Mount	40-WFQFN Exposed Pad	40-WQFN (6x6)
☐	**PXE1610CDNG003XTMA1** PRIMARION CONTROLLER *Infineon Technologies*	3,940 In Stock	1 : $4.23000 Cut Tape (CT); 4,000 : $2.81250 Tape & Reel (TR)	-	Tape & Reel (TR); Cut Tape (CT); Digi-Reel®	Active	Controller, Intel VR12.5	3V ~ 3.6V	6	Programmable	-5°C ~ 85°C (TA)	-	-	Surface Mount	48-VFQFN Exposed Pad	48-VQFN (6x6)
☐	**IR3584MTRPBF** IC REG CTRLR INTEL 2OUT 40QFN *Infineon Technologies*	7,932 In Stock	1 : $5.30000 Cut Tape (CT); 3,000 : $2.65973 Tape & Reel (TR)	-	Tape & Reel (TR); Cut Tape (CT); Digi-Reel®	Not For New Designs	Controller, Intel VR12, VR12.5	3.3V	2	-	-40°C ~ 85°C	-	-	Surface Mount	40-VFQFN Exposed Pad	40-QFN (5x5)
☐	**IR3570BMTRPBF** IC REG CTRLR INTEL 2OUT 40QFN *Infineon Technologies*	8,194 In Stock	1 : $6.09000 Cut Tape (CT); 3,000 : $3.32845 Tape & Reel (TR)	-	Tape & Reel (TR); Cut Tape (CT); Digi-Reel®	Not For New Designs	Controller, Intel VR12, VR12.5, AMD SVI1, SVI2	3.3V	2	-	-40°C ~ 85°C	-	-	Surface Mount	40-VFQFN Exposed Pad	40-QFN (5x5)
☐	**TPS53647RTAT** IC REG CTRLR VR12 10UT 40WQFN *Texas Instruments*	564 In Stock	1 : $7.65000 Cut Tape (CT); 250 : $5.46348 Tape & Reel (TR)	D-CAP+™	Tape & Reel (TR); Cut Tape (CT); Digi-Reel®	Active	Controller, Intel VR12, VR12.5	4.5V ~ 17V	1	0.25V ~ 1.52V	-40°C ~ 125°C	-	-	Surface Mount	40-WFQFN Exposed Pad	40-WQFN (6x6)
☐	**TPS53641RSBT** IC REG CTRLR VR12 10UT 40WQFN *Texas Instruments*	300 In Stock	1 : $7.96000 Cut Tape (CT); 250 : $5.68500 Tape & Reel (TR)	D-CAP+™	Tape & Reel (TR); Cut Tape (CT); Digi-Reel®	Active	Controller, Intel VR12, VR12.5	4.5V ~ 20V	1	0.5V ~ 2.5V	-10°C ~ 105°C	-	-	Surface Mount	40-WFQFN Exposed Pad	40-WQFN (5x5)
☐	**PXM1310CDMG003XTMA1** PRIMARION CONTROLLER *Infineon Technologies*	12,000 In Stock	4,000 : $2.67500 Tape & Reel (TR)	-	Tape & Reel (TR)	Active	Controller, Intel VR12.5	3V ~ 3.6V	6	Programmable	-5°C ~ 85°C (TA)	-	-	Surface Mount	40-VFQFN Exposed Pad	PG-VQFN-40-13
☐	**TPS51631ARSMR** IC REG CTRLR VR12.5 1OUT 32VQFN *Texas Instruments*	5,986 In Stock; 2,944 Marketplace	1 : $3.37000 Cut Tape (CT); 3,000 : $2.23875 Tape & Reel (TR); 116 : $2.59000 Bulk	D-CAP+™	Tape & Reel (TR); Cut Tape (CT); Digi-Reel®; Bulk	Active	Controller, Intel VR12.5	4.5V ~ 28V	1	0.5V ~ 2.3V	-40°C ~ 85°C	-	-	Surface Mount	32-VFQFN Exposed Pad	32-VQFN (4x4)
☐	**PXE1110CDMG003XTMA1** PRIMARION CONTROLLER *Infineon Technologies*	23,567 In Stock	1 : $3.48000 Cut Tape (CT); 4,000 : $2.31250 Tape & Reel (TR)	-	Tape & Reel (TR); Cut Tape (CT); Digi-Reel®	Active	Controller, Intel VR12.5	3V ~ 3.6V	6	Programmable	-5°C ~ 85°C (TA)	-	-	Surface Mount	40-VFQFN Exposed Pad	PG-VQFN-40-13
☐	**NCP81111MNI3TXG** IC REG CTRLR INTEL 1OUT 32QFN *onsemi*	0 In Stock; 32,520 Marketplace; 2,500 Factory; Check Lead Time	1 : $4.21000 Cut Tape (CT); 2,500 : $2.03228 Tape & Reel (TR); 133 : $2.27000 Bulk	-	Tape & Reel (TR); Cut Tape (CT); Digi-Reel®; Bulk	Active	Controller, Intel VR12.5, VR12.6	4.75V ~ 5.25V	1	-	-10°C ~ 100°C	-	-	Surface Mount	32-VFQFN Exposed Pad	32-QFN (5x5)
☐	**NCP81111MNTXG** IC REG CTRLR INTEL 1OUT 32QFN *onsemi*	2,435 In Stock; 2,500 Factory	1 : $4.21000 Cut Tape (CT); 2,500 : $2.03228 Tape & Reel (TR); 1 : $4.21000 Cut Tape (CT)	-	Tape & Reel (TR); Cut Tape (CT); Cut Tape (CT); Digi-Reel®	Active	Controller, Intel VR12.5, VR12.6	4.75V ~ 5.25V	1	-	-10°C ~ 100°C	-	-	Surface Mount	32-VFQFN Exposed Pad	32-QFN (5x5)
☐	**TPS51631RSMR** IC REG CTRLR VR12.5 1OUT 32VQFN *Texas Instruments*	2,996 In Stock; 378,000 Marketplace	1 : $4.27000 Cut Tape (CT); 3,000 : $2.14525 Tape & Reel (TR); 130 : $2.31000 Bulk	D-CAP+™	Tape & Reel (TR); Cut Tape (CT); Digi-Reel®; Bulk	Active	Controller, Intel VR12.5	4.5V ~ 28V	1	0.5V ~ 2.3V	-40°C ~ 105°C	-	-	Surface Mount	32-VFQFN Exposed Pad	32-VQFN (4x4)
☐	**TPS51631RSMT** IC REG CTRLR VR12.5 1OUT 32VQFN *Texas Instruments*	558 In Stock; 10,842 Marketplace	1 : $5.13000 Cut Tape (CT); 250 : $2.51668 Tape & Reel (TR); 109 : $2.77000 Bulk	D-CAP+™	Tape & Reel (TR); Cut Tape (CT); Digi-Reel®; Bulk	Active	Controller, Intel VR12.5	4.5V ~ 28V	1	0.5V ~ 2.3V	-40°C ~ 105°C	-	-	Surface Mount	32-VFQFN Exposed Pad	32-VQFN (4x4)
☐	**TPS51631ARSMT** IC REG CTRLR VR12.5 1OUT 32VQFN *Texas Instruments*	364 In Stock; 11,250 Marketplace	1 : $5.75000 Cut Tape (CT); 250 : $4.01540 Tape & Reel (TR); 97 : $3.10000 Bulk	D-CAP+™	Tape & Reel (TR); Cut Tape (CT); Digi-Reel®; Bulk	Active	Controller, Intel VR12.5	4.5V ~ 28V	1	0.5V ~ 2.3V	-40°C ~ 85°C	-	-	Surface Mount	32-VFQFN Exposed Pad	32-VQFN (4x4)
☐	**TPS53631RSBR** IC REG CTRLR VR12 10UT 40WQFN *Texas Instruments*	828 In Stock; 262,600 Marketplace	1 : $6.35000 Cut Tape (CT); 3,000 : $3.18631 Tape & Reel (TR); 88 : $3.42000 Bulk	D-CAP+™	Tape & Reel (TR); Cut Tape (CT); Digi-Reel®; Bulk	Active	Controller, Intel VR12, VR12.5	4.5V ~ 20V	1	0.5V ~ 2.5V	-10°C ~ 105°C	-	-	Surface Mount	40-WFQFN Exposed Pad	40-WQFN (5x5)
☐	**TPS53631RSBT** IC REG CTRLR VR12 10UT 40WQFN *Texas Instruments*	36 In Stock; 750 Marketplace	1 : $6.84000 Cut Tape (CT); 250 : $4.88660 Tape & Reel (TR); 74 : $4.11000 Bulk	D-CAP+™	Tape & Reel (TR); Cut Tape (CT); Digi-Reel®; Bulk	Active	Controller, Intel VR12, VR12.5	4.5V ~ 20V	1	0.5V ~ 2.5V	-10°C ~ 105°C	-	-	Surface Mount	40-WFQFN Exposed Pad	40-WQFN (5x5)
☐	**TPS53640RSBT** IC REG CTRLR VR12 10UT 40WQFN *Texas Instruments*	55 In Stock; 6,250 Marketplace	1 : $7.82000 Cut Tape (CT); 250 : $4.06500 Tape & Reel (TR); 64 : $4.70000 Bulk	D-CAP+™	Tape & Reel (TR); Cut Tape (CT); Digi-Reel®; Bulk	Active	Controller, Intel VR12, VR12.5	4.5V ~ 20V	1	0.5V ~ 2.5V	-10°C ~ 105°C	-	-	Surface Mount	40-WFQFN Exposed Pad	40-WQFN (5x5)
☐	**ISL95812IRZ** IC REG CTRLR INTEL 1OUT 32QFN *Renesas Electronics Corporation*	685 In Stock	1 : $9.52000 Tube	Robust Ripple Regulator™ (R3)	Tube	Active	Controller, Intel VR12.5, VR12.6, VR12.6+	4.5V ~ 28V	1	0.5V ~ 2.3V	-40°C ~ 85°C	-	-	Surface Mount	32-VFQFN Exposed Pad	32-QFN (4x4)
☐	**TPS53661RSBR** IC REG CTRLR VR12 10UT 40WQFN *Texas Instruments*	3,000 In Stock; 228,000 Marketplace	1 : $11.06000 Cut Tape (CT); 3,000 : $5.75000 Tape & Reel (TR); 46 : $6.65000 Bulk	D-CAP+™	Tape & Reel (TR); Cut Tape (CT); Digi-Reel®; Bulk	Active	Controller, Intel VR12, VR12.5	4.5V ~ 20V	1	0.5V ~ 2.5V	-10°C ~ 105°C	-	-	Surface Mount	40-WFQFN Exposed Pad	40-WQFN (5x5)
☐	**TPS53661RSBT** IC REG CTRLR VR12 10UT 40WQFN *Texas Instruments*	243 In Stock; 1,500 Marketplace	1 : $11.71000 Cut Tape (CT); 250 : $6.90000 Tape & Reel (TR); 38 : $7.98000 Bulk	D-CAP+™	Tape & Reel (TR); Cut Tape (CT); Digi-Reel®; Bulk	Active	Controller, Intel VR12, VR12.5	4.5V ~ 20V	1	0.5V ~ 2.5V	-10°C ~ 105°C	-	-	Surface Mount	40-WFQFN Exposed Pad	40-WQFN (5x5)
☐	**NCP81140MNTXG** IC REG CTRLR VR12.5 1OUT 32WQFN *onsemi*	0 In Stock; 12,000 Marketplace	1 : $2.49000 Cut Tape (CT); 4,000 : $1.09767 Tape & Reel (TR); 249 : $1.21000 Bulk	-	Tape & Reel (TR); Cut Tape (CT); Digi-Reel®; Bulk	Active	Controller, Intel VR12.5	4.75V ~ 5.25V	1	0.5V ~ 2.3V	-40°C ~ 125°C	-	-	Surface Mount	32-WFQFN Exposed Pad	32-WQFN (4x4)
☐	**NCP81142MNTXG** IC REG CTRLR VR12.5 1OUT 32WQFN *onsemi*	3,500 In Stock	1 : $2.74000 Cut Tape (CT); 4,000 : $1.20744 Tape & Reel (TR)	-	Tape & Reel (TR); Cut Tape (CT); Digi-Reel®	Active	Controller, Intel VR12.5	4.75V ~ 5.25V	1	0.5V ~ 2.3V	-40°C ~ 125°C	-	-	Surface Mount	32-WFQFN Exposed Pad	32-WQFN (4x4)
☐	**NCP81111MNB5TXG** MULTIPHASE CONTROLLER *onsemi*	2,500 In Stock	1 : $3.51000 Cut Tape (CT); 2,500 : $1.69357 Tape & Reel (TR)	-	Tape & Reel (TR); Cut Tape (CT); Digi-Reel®	Active	Controller, Intel VR12.5, VR12.6	5V	1	Programmable	-10°C ~ 100°C (TA)	-	-	Surface Mount	32-VFQFN Exposed Pad	32-QFN (5x5)
☐	**NCP81111MNI5TXG** IC REG CTRLR INTEL 1OUT 32QFN *onsemi*	2,500 In Stock; 2,500 Factory	1 : $4.11000 Cut Tape (CT); 2,500 : $1.98690 Tape & Reel (TR)	-	Tape & Reel (TR); Cut Tape (CT); Digi-Reel®	Active	Controller, Intel VR12.5, VR12.6	4.75V ~ 5.25V	1	-	-	-	-	Surface Mount	32-VFQFN Exposed Pad	32-QFN (5x5)
☐	**NCP81111MNI0TXG** IC REG CTRLR INTEL 1OUT 32QFN *onsemi*	2,500 In Stock; 2,500 Factory	1 : $4.21000 Cut Tape (CT); 2,500 : $2.03228 Tape & Reel (TR)	-	Tape & Reel (TR); Cut Tape (CT); Digi-Reel®	Active	Controller, Intel VR12.5, VR12.6	4.75V ~ 5.25V	1	-	-10°C ~ 100°C	-	-	Surface Mount	32-VFQFN Exposed Pad	32-QFN (5x5)

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Special Purpose Regulators

MPS, 1053
MPS v. Greenthread, IPR2024-00470

Products in this family are used for power manipulation, transformation, or conversion of some form, and are adapted for specific applications of an esoteric nature. Their feature sets are therefore highly varied, and include such things as air/fuel sensor interfaces, automotive alternator voltage regulation, DDR termination, liquid lens control, motorcycle turn signal control, thermoelectric (peltier) cooler control, piezo haptic control, valve control, small engine management, and others.

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