

NEC ELECTRONICS AMERICA Power Management

NEC
NEC Electronics America

 This product is RoHS compliant.

LOW VOLTAGE POWER MOSFETS (CONT.)

- Super low ON-resistance
- Applications ranging from automotive electronics to PC power supplies
- A wide variety of package types for various mounting requirements
- High reliability

NEW
FROM SUPPLIER

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	NEC Part No.	Package	Configuration	Polarity	Vdss (V)	Id (DC) (A)	Price Each		
							1	25	100
879-UPA2701TP-E1Z	UPA2701TP-E1-AZ	HSOP-8	Single	N	30	35	1.25	1.15	1.04
879-UPA2702TP-E1Z	UPA2702TP-E1-AZ	HSOP-8	Single	N	30	35	1.13	1.03	.94
879-UPA2707TP-E1Z	UPA2707TP-E1-AZ	HSOP-8	Single	N	30	42	1.70	1.55	1.41
879-NP109N04PUG-E1AY	NP109N04PUG-E1-AY	TO-263ZP	Single	N	40	±110	3.13	2.87	2.66
879-NP40N055KLEE1-AY	NP40N055KLEE-E1-AY	TO-263ZK	Single	N	55	±40	2.34	2.15	1.95
879-NP48N055KHEE1-AY	NP48N055KHEE-E1-AY	TO-263ZK	Single	N	55	±48	2.46	2.26	2.05
879-NP52N06SLG-E1-AY	NP52N06SLG-E1-AY	TO-252ZK	Single	N	60	±52	2.22	2.04	1.85
879-NP55N03SUG-E1-AY	NP55N03SUG-E1-AY	TO-252ZK	Single	N	30	±55	3.33	3.05	2.78
879-NP55N04SUG-E1-AY	NP55N04SUG-E1-AY	TO-252ZK	Single	N	40	±55	2.34	2.15	1.95
879-NP82N04PDG-E1-AY	NP82N04PDG-E1-AY	TO-263ZP	Single	N	40	±82	4.35	3.99	3.63
879-NP82N06PDG-E1-AY	NP82N06PDG-E1-AY	TO-263ZP	Single	N	60	±82	5.16	4.73	4.30
879-2SJ202-T1	2SJ202-T1-A	SC-70	Single	P	-16	-0.1	.14	.12	.11
879-2SJ243-T1	2SJ243-T1-A	SC-75	Single	P	-30	-0.1	.16	.15	.13
879-2SJ463A-T1	2SJ463A-T1-A	SC-75	Single	P	-30	-0.1	.14	.13	.12
879-2SJ625-T1B	2SJ625-T1B-A	SC-96	Single	P	-20	-3	.29	.27	.25
879-2SJ647-T1	2SJ647-T1-A	SC-70	Single	P	-20	-0.4	.20	.18	.17
879-2SJ648-T1	2SJ648-T1-A	SC-75	Single	P	-20	-0.4	.20	.18	.17
879-UPA650TT-E1	UPA650TT-E1-A	WSOF-6	Single	P	-12	-5	.39	.36	.33
879-UPA651TT-E1	UPA651TT-E1-A	WSOF-6	Single	P	-20	-5	.39	.36	.33
879-UPA652TT-E1	UPA652TT-E1-A	WSOF-6	Single	P	-20	-2	.35	.33	.30
879-UPA653TT-E1	UPA653TT-E1-A	WSOF-6	Single	P	-30	-2.5	.35	.33	.30
879-UPA1814GR-9JG-E1	UPA1814GR-9JG-E1-A	TSSOP-8	Single	P	-30	-7	1.10	1.01	.92
879-UPA1816GR-9JG-E1	UPA1816GR-9JG-E1-A	TSSOP-8	Single	P	-12	-9	.78	.71	.65
879-UPA1817GR-9JG-E1	UPA1817GR-9JG-E1-A	TSSOP-8	Single	P	-20	-12	1.16	1.07	.97
879-NP100P06PDGE1-AY	NP100P06PDG-E1-AY	TO-263ZP	Single	P	-60	±100	8.76	8.03	7.30
879-NP36P04KDG-E1-AY	NP36P04KDG-E1-AY	TO-263ZK	Single	P	-40	±108	3.99	3.66	3.33
879-NP36P06KDG-E1-AY	NP36P06KDG-E1-AY	TO-263ZK	Single	P	-60	±36	3.99	3.66	3.33
879-NP50P04KDG-E1-AY	NP50P04KDG-E1-AY	TO-263ZK	Single	P	-40	±50	5.31	4.87	4.43
879-NP50P06KDG-E1-AY	NP50P06KDG-E1-AY	TO-263ZK	Single	P	-60	±50	5.31	4.87	4.43
879-NP83P04PDG-E1-AY	NP83P04PDG-E1-AY	TO-263ZP	Single	P	-40	±83	7.05	6.46	5.88
879-NP83P06PDG-E1-AY	NP83P06PDG-E1-AY	TO-263ZP	Single	P	-60	±83	7.05	6.46	5.88
879-NP100P04PDGE1-AY	NP100P04PDG-E1-AY	TO-263ZP	Single	P	-40	±100	8.28	7.59	6.62
879-UPA1970TE-T1	UPA1970TE-T1-A	SC-95	Dual	N	20	2.2	.46	.421	.387
879-UPA2755GR-E1	UPA2755GR-E1-A	SOP-8	Dual	N	30	8	.75	.695	.63
879-UPA672T-T1	UPA672T-T1-A	SC-88	Dual	N	50	0.1	.22	.20	.18
879-UPA675T-T1	UPA675T-T1-A	SC-88	Dual	N	16	0.1	.26	.23	.21
879-UPA677TB-T1	UPA677TB-T1-A	SC-88	Dual	N	20	0.35	.26	.23	.21
879-UPA1750GR-E1	UPA1750GR-E1-A	SOP-8	Dual	P	-20	-3.5	1.14	1.05	.95
879-UPA1856GR-9JG-E1	UPA1856GR-9JG-E1-A	TSSOP-8	Dual	P	-20	-4.5	.99	.91	.83
879-UPA1950TE-T1	UPA1950TE-T1-A	SC-95	Dual	P	-12	-2.5	.67	.61	.56
879-UPA1890GR-9JG-E1	UPA1890GR-9JG-E1-A	TSSOP-8	Complementary	N/P	30	6	.83	.764	.70

ESD PROTECTION DIODES

- Ensured compliance with international ESD standard (IEC61000-4-2 Level 4)
- Low capacitance, suitable for high-speed signal lines

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	NEC Part No.	Package	Configuration	Ct (pF)	IR (uA)	ESD (min.) kV	Price Each		
							1	25	100
879-NSAD500F	NSAD500F-A	SC-59	Dual	3.5	0.1	8	.15	.14	.12
879-NSAD500H	NSAD500H-A	SC-88A	Quad	3.5	0.1	8	.35	.32	.29

USB DEVICES

- USB2.0 specification
- Supports connection to existing USB1.x devices
- 40 times faster than USB 1.x.

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MOUSER STOCK NO.	NEC Part No.	Package	Transfer Rate (USB 2.0)	Vdd (typ.)	Price Each		
					1	25	100
879-UPD720101GJ-UEN	UPD720101GJ-UEN-A	144 Pin LQFP	480Mbps	3.3 - 5.0	16.50	15.13	13.75
879-UPD720101F1-EA8	UPD720101F1-EA8-A	144 Pin FPBGA	480Mbps	3.3 - 5.0	13.71	12.57	11.43
879-UPD720112GK-9EU	UPD720112GK-9EU-A	4 port HUB	480Mbps	2.5 - 3.3	10.50	9.63	8.75
879-UPD720113GK-9EU	UPD720113GK-9EU-A	7 port HUB	480Mbps	2.5 - 3.3	16.20	14.85	13.50
879-UPD720114GA-9EU	UPD720114GA-9EU-A	4 port HUB	480Mbps	3.3	9.00	8.25	7.50