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Transistor PN2222A General Purpose NPN 40 Volt 1 Amp TO-92



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Jameco Part no.: 787536

Manufacturer: Fairchild Semiconductor

Manufacturer no.: PN2222ATRA

Data Sheet (current) [314 KB]

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TABLE-TOP POWER SUPPLIES

Series Part #	Manufacturer	Manufacturer Part #	Primary Output Voltage (VDC)	Output Current (A)	Max Output Power (W)	Input Voltage (VDC)	Input Frequency (Hz)	Efficiency (%)	Price 1
ALUM-Mini	ALUM-Mini	ALUM-Mini	3.3	2	7	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	4.2	4	17	90 to 264	47 to 63	75	\$27.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	2	10	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	5	25	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	4	20	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	3	15	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	2	10	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	1	5	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.5	2.5	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.25	1.25	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.125	0.625	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.0625	0.3125	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.03125	0.15625	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.015625	0.078125	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.0078125	0.0390625	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.00390625	0.01953125	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.001953125	0.009765625	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.0009765625	0.0048828125	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.00048828125	0.00244140625	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.000244140625	0.001220703125	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.0001220703125	0.0006103515625	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.00006103515625	0.00030517578125	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.000030517578125	0.000152587890625	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.0000152587890625	0.0000762939453125	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.00000762939453125	0.00003814697265625	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.000003814697265625	0.000019073486328125	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.0000019073486328125	0.0000095367431640625	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.00000095367431640625	0.00000476837158203125	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.000000476837158203125	0.000002384185791015625	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.0000002384185791015625	0.0000011920928955078125	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.00000011920928955078125	0.00000059604644775390625	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.000000059604644775390625	0.000000298023223876953125	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.0000000298023223876953125	0.0000001490116119384765625	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.00000001490116119384765625	0.00000007450580596923828125	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.000000007450580596923828125	0.000000037252902984619140625	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.0000000037252902984619140625	0.0000000186264514923095703125	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.00000000186264514923095703125	0.00000000931322574615478515625	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.000000000931322574615478515625	0.000000004656612873077392578125	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.0000000004656612873077392578125	0.0000000023283064365386962890625	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.00000000023283064365386962890625	0.00000000116415321826934814453125	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.000000000116415321826934814453125	0.000000000582076609134674072265625	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.0000000000582076609134674072265625	0.0000000002910383045673370361328125	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.00000000002910383045673370361328125	0.00000000014551915228366851806640625	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.000000000014551915228366851806640625	0.000000000072759576141834259033203125	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.0000000000072759576141834259033203125	0.0000000000363797880709171295166015625	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.00000000000363797880709171295166015625	0.0000000000181898940354585647578125	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.00000000000181898940354585647578125	0.00000000000909494701772928237890625	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.000000000000909494701772928237890625	0.000000000004547473508864614189453125	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.0000000000004547473508864614189453125	0.0000000000022737367544323070947265625	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.00000000000022737367544323070947265625	0.00000000000113686837721615354736328125	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.000000000000113686837721615354736328125	0.000000000000568434188608076773681640625	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.0000000000000568434188608076773681640625	0.000000000000284217094304038388868121875	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.000000000000028421709430403838868121875	0.0000000000001421085471520191944340609375	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.00000000000001421085471520191944340609375	0.00000000000007105427357600959721703046875	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.000000000000007105427357600959721703046875	0.000000000000035527136788004798608515234375	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.0000000000000035527136788004798608515234375	0.0000000000000177635683940023993042576171875	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.00000000000000177635683940023993042576171875	0.00000000000000888178419700119965212880859375	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.000000000000000888178419700119965212880859375	0.000000000000004440892098500599826064404296875	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.0000000000000004440892098500599826064404296875	0.0000000000000022204460492502999130322021484375	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.00000000000000022204460492502999130322021484375	0.00000000000000111022302462514995651611010921875	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.000000000000000111022302462514995651611010921875	0.000000000000000555111512312574978258055054609375	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.0000000000000000555111512312574978258055054609375	0.0000000000000002775557561562874891290275273046875	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.00000000000000002775557561562874891290275273046875	0.00000000000000013877787807814374456451376365234375	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.000000000000000013877787807814374456451376365234375	0.000000000000000069388939039071872282256881826171875	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.0000000000000000069388939039071872282256881826171875	0.000000000000000034694469519535936141128440912890625	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.0000000000000000034694469519535936141128440912890625	0.0000000000000000173472347597679680705642204564453125	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.00000000000000000173472347597679680705642204564453125	0.00000000000000000867361737988398403528211022822265625	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.00000000000000000086736173798839840352821102282265625	0.0000000000000000043368086899419920176410551141412890625	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.00000000000000000043368086899419920176410551141412890625	0.0000000000000000021684043449709960088202775707059375	90 to 264	47 to 63	75	\$14.00
ALUM-Mini	ALUM-Mini	ALUM-Mini	5	0.00000000000000000021684043449709960088202775707059375	0.00000000000000000108420217248549800441013878535296875	90			

of units

Price

10+

\$0.25

100+

\$0.12

500+

\$0.10

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Overview

Specs

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General Purpose NPN Amplifier

This device is for use as a medium power amplifier and switch requiring collector currents up to 500mA. Sourced from process 19.

Specifications

- Maximum Collector Base Voltage (V): 75
- Maximum Collector-Emitter Voltage (V): 40
- Maximum Emitter Base Voltage (V): 6
- Maximum Base Emitter Saturation Voltage (V): 1.2@150mA; 2@500mA
- Maximum Collector-Emitter Saturation Voltage (V): 0.3@150mA; 1@500mA
- Maximum DC Collector Current (A): 1
- Fan & Fold (Tape/Ammo) packaging

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