

FAIRCHILD LINEAR

VOLTAGE REGULATORS

VOLTAGE REGULATORS (BY OUTPUT CURRENT) (Cont'd)

Item	DEVICE NO.	Output Voltage V (Typ)	Temperature *	Line Regulation mV (Max)	Load Regulation mV (Max)	Ripple Rejection dB (Min)	Quiescent Current mA	Input Voltage Range V	Dropout Voltage V (Typ)	Logic/Connection Diagram(s)	Package(s)
Fixed Positive 1.0 A											
1	μ A7805	5.0	M	50	50	68	6.0	8.0 to 35	3.0	L-VR10	TO-3
2	μ A7805	5.0	C	100	100	62	8.0	7.5 to 35	2.5	L-VR6,10	TO-3,TO-220
3	μ A309	5.0	C	50	100	—	10	—	—	L-VR10	TO-3
4	μ A109	5.0	M	50	100	—	10	—	—	L-VR10	TO-3
5	μ A209	5.0	V	50	100	—	10	—	—	L-VR10	TO-3
6	μ A7806	6.0	M	60	60	65	6.0	9.0 to 35	3.0	L-VR10	TO-3
7	μ A7806	6.0	C	120	120	59	8.0	8.5 to 35	2.5	L-VR6,10	TO-3,TO-220
8	μ A7808	8.0	M	80	80	62	6.0	11 to 35	3.0	L-VR6,10	TO-3,TO-220
9	μ A7808	8.0	C	160	160	56	8.0	10.5 to 35	2.5	L-VR6,10	TO-3,TO-220
10	μ A7885	8.5	M	85	85	60	6.0	11.5 to 35	3.0	L-VR10	TO-3
11	μ A7885	8.5	C	170	170	54	8.0	11 to 35	2.5	L-VR6,10	TO-3,TO-220
12 ¹	μ A7812	12	M	120	120	61	6.0	15 to 35	3.0	L-VR10	TO-3
13	μ A7812	12	C	240	240	55	8.0	14.5 to 35	2.5	L-VR6,10	TO-3,TO-220
14	μ A7815	15	M	150	150	60	6.0	18 to 35	3.0	L-VR10	TO-3
15	μ A7815	15	C	300	300	54	8.0	17.5 to 35	2.5	L-VR6,10	TO-3,TO-220
16	μ A7818	18	M	180	180	59	6.0	21 to 35	3.0	L-VR10	TO-3
17	μ A7818	18	C	360	360	53	8.0	20.5 to 35	2.5	L-VR6,10	TO-3,TO-220
18	μ A7824	24	M	240	240	56	6.0	27 to 40	3.0	L-VR10	TO-3
19	μ A7824	24	C	480	480	50	8.0	26.5 to 40	2.5	L-VR6,10	TO-3,TO-220
Fixed Negative 1.0 A											
20	μ A7905	-5.0	M	50	50	54	2.0	-7.8 to -35	2.8	L-VR11	TO-3
21	μ A7905	-5.0	C	100	100	54	2.0	-7.3 to -35	2.3	L-VR7,11	TO-3,TO-220
22	μ A7906	-6.0	M	60	60	54	2.0	-8.8 to -35	2.8	L-VR11	TO-3
23	μ A7906	-6.0	C	120	120	54	2.0	-8.3 to -35	2.3	L-VR7,11	TO-3,TO-220
24	μ A7908	-8.0	M	80	80	54	2.0	-10.8 to -35	2.8	L-VR11	TO-3

*Operational junction temperature range
 C = Commercial temperature range, 0°C to +125°C, V = Vehicular & Industrial temperature range
 -40°C to +125°C, M = Extended Military, -55°C to +150°C

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