Voltage Regulators

Part No.	Cross-Reference	Max. Output Current	Output Voltage @T_J=25ºC		Input Voltage		Line Regulation @ Input Voltage			Load Regulation @ I_O	Temperature Coefficient of Output Voltage	Package	Outline (Max. in mm)
			Min.	Max.	Min.	Max.	Max.	Min.	Max.	Max.	Average		
		I_O(A)	V_O(V)	V_O(V)	V_I(V)	V_I(V)	ΔV_O(mV)	V_I(V)	V_I(V)	ΔV_O(mV)	TC_{VO}(mV/°C)	Bulk/Reel	
KA7805	MC7805CT	1.0 A	4.80	5.20	7.0	35.0	100	7.0	20.0	100	-0.80	50/tube	TO-220AB (in mm)
KA7806	MC7806CT		5.75	6.25	8.0	35.0	120	8.0	25.0	120	-0.80		
KA7808	MC7808CT		7.70	8.30	10.5	35.0	160	10.5	23.0	160	-0.80		
KA7809	MC7809CT		8.65	9.35	11.5	35.0	180	11.5	25.0	180	-1.00		
KA7810	MC7810CT		9.60	10.40	12.5	35.0	200	12.5	25.0	200	-1.00		
KA7811	MC7811CT		10.60	11.40	13.5	35.0	220	13.5	26.0	220	-1.00		
KA7812	MC7812CT		11.50	12.50	14.5	35.0	240	14.5	30.0	240	-1.00		
KA7815	MC7815CT		14.40	15.60	17.5	35.0	300	17.5	30.0	300	-1.00		
KA7818	MC7818CT		17.30	18.70	21.0	35.0	360	21.0	33.0	360	-1.00		
KA7824	MC7824CT		23.00	25.00	27.0	40.0	480	27.0	38.0	480	-1.50		
KA7805A	7805A		4.90	5.10	7.3	35.0	50	7.3	25.0	100	-0.80		
KA7806A	7806A		5.88	6.12	8.3	35.0	60	8.3	21.0	100	-0.80		
KA7808A	7808A		7.84	8.16	10.4	35.0	80	10.4	23.0	100	-0.80		
KA7809A	7809A		8.82	9.18	11.5	35.0	90	11.5	24.0	100	-1.00		
KA7810A	7810A		9.80	10.20	12.5	35.0	100	12.5	25.0	100	-1.00		
KA7811A	7811A		10.80	11.20	13.5	35.0	110	13.5	26.0	100	-1.00		
KA7812A	7812A		11.75	12.25	14.5	35.0	120	14.5	27.0	100	-1.00		
KA7815A	7815A		14.70	15.30	17.5	35.0	150	17.5	30.0	100	-1.00		
KA7818A	7818A		17.64	18.36	20.6	35.0	180	20.6	33.0	100	-1.00		
KA7824A	7824A		23.50	24.50	26.7	40.0	240	26.7	38.0	100	-1.50		
KA7905	MC7905CT		-5.20	-4.80	-35.0	-7.0	100	-25.0	-7.0	100	-0.40		
KA7906	MC7906CT		-6.25	-5.75	-35.0	-8.0	120	-25.0	-8.0	120	-0.50		
KA7908	MC7908CT		-8.30	-7.70	-35.0	-10.5	160	-25.0	-10.5	160	-0.60		
KA7912	MC7912CT		-12.50	-11.15	-35.0	-14.5	240	-30.0	-14.5	240	-0.80		
KA7915	MC7915CT		-15.60	-14.40	-35.0	-17.5	300	-30.0	-17.5	300	-0.90		
KA7918	MC7918CT		-18.70	-17.30	-35.0	-21.0	360	-33.0	-21.0	360	-1.00		
KA7924	MC7924CT		-25.00	-23.00	-38.0	-27.0	480	-38.0	-27.0	480	-1.00		
KIA7805P	-		4.80	5.20	7.0	35.0	100	7.0	25.0	100	-0.60		
KIA7806P	-		5.75	6.25	8.0	35.0	120	8.0	25.0	120	-0.70		
KIA7808P	-		7.70	8.30	10.5	35.0	160	10.5	25.0	160	-1.00		
KIA7809P	-		8.64	9.36	11.5	35.0	180	11.5	26.0	180	-1.10		
KIA7810P	-		9.60	10.40	12.5	35.0	200	12.5	27.0	200	-1.30		
KIA7812P	-		11.50	12.50	14.5	35.0	240	14.5	30.0	240	-1.60		
KIA7815P	-		14.40	15.60	17.5	35.0	300	17.5	30.0	300	-2.00		
KIA7818P	-		17.30	18.70	21.0	35.0	360	21.0	33.0	360	-2.50		
KIA7820P	-		19.20	20.80	23.0	40.0	400	23.0	35.0	400	-3.00		
KIA7824P	-		23.00	25.00	27.0	40.0	480	27.0	38.0	480	-3.50		
7905	KA7905		-5.20	-4.80	-35.0	-7.0	100	-25.0	-7.0	100	-0.40		
7906	KA7906		-6.25	-5.75	-35.0	-8.0	120	-25.0	-8.0	120	-0.50		
7908	KA7908		-8.30	-7.70	-35.0	-10.5	160	-25.0	-10.5	160	-0.60		
7912	KA7912		-12.50	-11.50	-35.0	-14.5	240	-30.0	-14.5	240	-0.80		
7915	KA7915		-15.60	-14.40	-35.0	-17.5	300	-30.0	-17.5	300	-0.90		
7918	KA7918		-18.70	-17.30	-35.0	-21.0	360	-33.0	-21.0	360	-1.00		
7924	KA7924		-25.00	-23.00	-38.0	-27.0	480	-38.0	-27.0	480	-1.00		
KIA7805PI	7805FP		4.80	5.20	7.0	35.0	100	7.0	25.0	100	-0.60	50/Tube	TO-220IS
KIA7806PI	7806FP		5.75	6.25	8.0	35.0	120	8.0	25.0	120	-0.70		
KIA7808PI	7808FP		7.70	8.30	10.5	35.0	160	10.5	25.0	160	-1.00		
KIA7809PI	7809FP		8.64	9.36	11.5	35.0	180	11.5	26.0	180	-1.10		
KIA7810PI	7810FP		9.60	10.40	12.5	35.0	200	12.5	27.0	200	-1.30		
KIA7812PI	7812FP		11.50	12.50	14.5	35.0	240	14.5	30.0	240	-1.60		
KIA7815PI	7815FP		14.40	15.60	17.5	35.0	300	17.5	30.0	300	-2.00		
KIA7818PI	7818FP		17.30	18.70	21.0	35.0	360	21.0	33.0	360	-2.50		
KIA7820PI	7820FP		19.20	20.80	23.0	40.0	400	23.0	35.0	400	-3.00		
KIA7824PI	7824FP		23.00	25.00	27.0	40.0	480	27.0	38.0	480	-3.50		

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