

Description	Input Voltage (V)	Output Voltage (V)	Max. Input Current (µA)	Typical Active Output Current (mA)	Operating Temperature	Package	Digi-Key Part No.	Price Each			Tape and Reel†		
								1	10	25	Qty.	Pricing	
Inverting or Doubling	2.5 - 5.5	-Vin or 2Vin	325	25	-45°C - 85°C	SOT-23A-6	TC1220ECHCT-ND♦†	.74	.61	.50	3,000	448.45/M	
	1.8 - 5.5	-Vin or 2Vin	600	25	-45°C - 85°C	SOT-23A-6	TC1221ECHCT-ND♦†	.78	.64	.53	3,000	480.48/M	
	1.8 - 5.5	-Vin or 2Vin	2800	25	-45°C - 85°C	SOT-23A-6	TC1222ECHCT-ND♦†	.78	.64	.53	3,000	480.48/M	
	2.5 - 5.5	2Vin	900	40	-45°C - 85°C	SOT-23A-6	TC1240AECHCT-ND♦†	.81	.66	.56	3,000	496.50/M	
	2.5 - 4.0	2Vin	300	40	-45°C - 85°C	SOT-23A-6	TC1240ECHCT-ND♦†	.81	.66	.56	3,000	496.50/M	
Inverting	1.5 - 10	-Vin	180	20	0°C - 70°C	8-SOIC	TC7660COA-ND♦	.76	.64	.53	—	—	
	1.5 - 10	-Vin	180	20	0°C - 70°C	8-DIP	TC7660CPA-ND♦	.76	.64	.53	—	—	
	1.5 - 10	-Vin	180	20	-45°C - 85°C	8-SOIC	TC7660EOA-ND♦	.76	.64	.53	—	—	
	1.5 - 10	-Vin	180	20	-40°C - 85°C	8-DIP	TC7660EPA-ND♦	.76	.64	.53	—	—	
	1.5 - 10	-Vin	1000	20	0°C - 70°C	8-DIP	TC7660HCPA-ND♦	.96	.81	.68	—	—	
	1.5 - 10	-Vin	1000	20	-40°C - 85°C	8-SOIC	TC7660HEOA-ND♦	.96	.81	.68	—	—	
	1.5 - 10	-Vin	1000	20	-40°C - 85°C	8-DIP	TC7660HEPA-ND♦	.96	.81	.68	—	—	
	1.5 - 12	-Vin	160	20	0°C - 70°C	8-SOIC	TC7660SGOA-ND♦	.86	.73	.61	—	—	
	1.5 - 12	-Vin	160	20	0°C - 70°C	8-DIP	TC7660SCPA-ND♦	.86	.73	.61	—	—	
	1.5 - 12	-Vin	160	20	-40°C - 85°C	8-SOIC	TC7660SEOA-ND♦	.86	.73	.61	—	—	
	1.5 - 12	-Vin	160	20	-45°C - 85°C	8-SOIC	TC7660SEOA713CT-ND♦†	.86	.73	.61	3,300	544.55/M	
	1.5 - 12	-Vin	160	20	-45°C - 85°C	8-DIP	TC7660SEPA-ND♦	.86	.73	.61	—	—	
Inverting or Doubling	3.0 - 18	-Vin or 2Vin	700	40	0°C - 70°C	8-DIP	TC7662ACP-ND♦	2.54	2.12	1.77	—	—	
	3.0 - 18	-Vin or 2Vin	700	40	-45°C - 85°C	8-DIP	TC7662AEP-ND♦	3.48	2.90	2.42	—	—	
	3.0 - 18	-Vin or 2Vin	700	40	-25°C - 85°C	8-CDIP	TC7662AJA-ND	8.93	7.44	6.20	—	—	
	1.5 - 15	-Vin or 2Vin	160	20	0°C - 70°C	8-SOIC	TC7662BCOA-ND♦	1.83	1.53	1.27	—	—	
	1.5 - 15	-Vin or 2Vin	160	20	0°C - 70°C	8-DIP	TC7662BCPA-ND♦	1.83	1.53	1.27	—	—	
	1.5 - 15	-Vin or 2Vin	160	20	-45°C - 85°C	8-SOIC	TC7662BEOA-ND♦	2.13	1.78	1.49	—	—	
	1.5 - 15	-Vin or 2Vin	160	20	-45°C - 85°C	8-SOIC	TC7662BEOA713CT-ND♦†	2.13	1.78	1.49	3,300	1345.35/M	
	1.5 - 15	-Vin or 2Vin	160	20	-45°C - 85°C	8-DIP	TC7662BEP-ND♦	2.13	1.78	1.49	—	—	
	2.4 - 5.5	-2Vin	300	10	-45°C - 85°C	8-SOIC	TC682EPA-ND♦	2.34	1.95	1.62	—	—	
	2.4 - 5.5	-2Vin	300	10	-45°C - 85°C	8-DIP	TC682EPA-ND♦	2.34	1.95	1.62	—	—	
	3.0 - 18	-Vin or 2Vin	700	80	0°C - 70°C	(wide) 16-SOIC	TC982EOD-ND♦	2.79	2.33	1.94	—	—	
	3.0 - 18	-Vin or 2Vin	700	80	0°C - 70°C	8-DIP	TC982EPA-ND♦	2.79	2.33	1.94	—	—	
	3.0 - 18	-Vin or 2Vin	700	80	0°C - 70°C	(wide) 16-SOIC	TC982EOD-ND♦	10.65	8.37	7.67	—	—	
	3.0 - 18	-Vin or 2Vin	700	80	-45°C - 85°C	8-DIP	TC982EPA-ND♦	2.79	2.33	1.94	—	—	
	1.5 - 5.5	-Vin or 2Vin	90	25	-45°C - 85°C	SOT-23A-5	TCM828ECT713CT-ND♦†	.46	.39	.33	3,000	288.29/M	
	1.5 - 5.5	-Vin or 2Vin	260	25	-45°C - 85°C	SOT-23A-5	TCM829ECT713CT-ND♦†	.63	.53	.45	3,000	400.40/M	
	Evaluation Board for MCP1601							MCP1601EV-ND	24.02	—	—	—	—
	Reference Design for MCP1603							MCP1603RD-TNY-ND♦	32.04	—	—	—	—
Evaluation Board for MCP1256/7/8/9							MCP1256/7/8/9EV-ND	28.03	—	—	—	—	
Evaluation Board for MCP1603							MCP1603EV-ND	20.02	—	—	—	—	

♦ RoHS Compliant ‡ For Tape and Reel part number, change CT-ND to TR-ND. † Cut Tape

Linear Voltage Regulators

Max. Input Voltage (V)	Output Voltage (V)	Output Current (mA)	Typical Active Current (µA)	Typical Dropout Volt. @ Max. Iout (mV)	Typical Output Volt. Accuracy (%)	Package	Digi-Key Part No.	Price Each			Tape and Reel†	
								1	10	25	Qty.	Pricing
6	1.2	200	1.6	300	0.4	TO-92	MCP1700-1202E/TO-ND♦	.35	.30	.25	—	—
	1.8	200	1.6	300	0.4	TO-92	MCP1700-1802E/TO-ND♦	.35	.30	.25	—	—
	2.5	250	1.6	300	0.4	TO-92	MCP1700-2502E/TO-ND♦	.35	.30	.25	—	—
	3.0	250	1.6	300	0.4	TO-92	MCP1700-3002E/TO-ND♦	.35	.30	.25	—	—
	3.3	250	1.6	300	0.4	TO-92	MCP1700-3302E/TO-ND♦	.35	.30	.25	—	—
	5.0	250	1.6	300	0.4	TO-92	MCP1700-5002E/TO-ND♦	.35	.30	.25	—	—
	1.2	200	1.6	300	0.4	SOT-23	MCP1700T-1202E/TTCT-ND♦†	.36	.30	.25	3,000	224.23/M
	1.8	200	1.6	300	0.4	SOT-23	MCP1700T1802ETTCT-ND♦†	.36	.30	.25	3,000	224.23/M
	1.8	200	1.6	300	0.4	SOT-89-3	MCP1700T1802EMBCT-ND♦†	.36	.30	.25	1,000	224.22
	2.5	250	1.6	300	0.4	SOT-23	MCP1700T-2502E/TTCT-ND♦†	.36	.30	.25	3,000	224.23/M
	3.0	250	1.6	300	0.4	SOT-23	MCP1700T-3002E/TTCT-ND♦†	.36	.30	.25	3,000	224.23/M
	3.3	250	1.6	300	0.4	SOT-23	MCP1700T3302ETTCT-ND♦†	.36	.30	.25	3,000	224.23/M
	3.3	250	1.6	300	0.4	SOT-89-3	MCP1700T3302EMBCT-ND♦†	.36	.30	.25	1,000	224.22
	5.0	250	1.6	300	0.4	SOT-23	MCP1700T5002ETTCT-ND♦†	.36	.30	.25	3,000	224.23/M
	5.0	250	1.6	300	0.4	SOT-89-3	MCP1700T5002EMBCT-ND♦†	.36	.30	.25	1,000	224.22
	1.8	50	50	85	0.5	SOT-23-5	TC10141.8VCT713CT-ND♦†	.33	.27	.22	—	—
	2.5	50	50	85	0.5	SOT-23-5	TC1014-2.5VCT713CT-ND♦†	.33	.27	.22	3,000	200.20/M
	2.7	50	50	85	0.5	SOT-23-5	TC10142.7VCT713CT-ND♦†	.33	.27	.22	3,000	200.20/M
	3.0	50	50	85	0.5	SOT-23-5	TC1014-3.0VCT713CT-ND♦†	.33	.27	.22	3,000	200.20/M
	3.3	50	50	85	0.5	SOT-23-5	TC1014-3.3VCT713CT-ND♦†	.33	.27	.22	3,000	200.20/M
	5.0	50	50	85	0.5	SOT-23-5	TC10145.0VCT713CT-ND♦†	.33	.27	.22	—	—
	1.8	100	50	180	0.5	SOT-23-5	TC1015-1.8VCT713CT-ND♦†	.34	.28	.23	3,000	208.21/M
	2.5	100	50	180	0.5	SOT-23-5	TC10152.5VCT713CT-ND♦†	.34	.29	.25	3,000	216.22/M
	2.8	100	50	180	0.5	SOT-23-5	TC10152.8VCT713CT-ND♦†	.34	.29	.25	3,000	216.22/M
	3.0	100	50	180	0.5	SOT-23-5	TC10153.0VCT713CT-ND♦†	.34	.29	.25	3,000	216.22/M
	3.3	100	50	180	0.5	SOT-23-5	TC1015-3.3VCT713CT-ND♦†	.34	.29	.25	3,000	216.22/M
	4.0	100	50	180	0.5	SOT-23-5	TC10154.0VCT713CT-ND♦†	.34	.29	.25	3,000	216.22/M
	5.0	100	50	180	0.5	SOT-23-5	TC1015-5.0VCT713CT-ND♦†	.34	.29	.25	3,000	216.22/M
	1.8	80	53	150	0.5	SOT-23-5	TC1016-1.8VCTCT-ND♦†	.43	.36	.30	3,000	267.91/M
	1.8	80	53	150	0.5	SC-70-5	TC1016-1.8VLTCT-ND♦†	.44	.29	.25	3,000	216.22/M
	1.85	80	53	150	0.5	SOT-23-5	TC1016-1.85VCTCT-ND♦†	.34	.29	.25	3,000	216.22/M
	2.7	80	53	150	0.5	SC-70-5	TC1016-2.7VLTCT-ND♦†	.34	.29	.25	3,000	216.22/M
	2.7	80	53	150	0.5	SOT-23-5	TC1016-2.7VCTCT-ND♦†	.34	.29	.25	3,000	216.22/M
	2.8	80	53	150	0.5	SOT-23-5	TC1016-2.8VCTCT-ND♦†	.34	.29	.25	3,000	216.22/M
	3.0	80	53	150	0.5	SOT-23-5	TC1016-3.0VCTCT-ND♦†	.34	.29	.25	3,000	216.22/M
	3.0	80	53	150	0.5	SC-70-5	TC1016-3.0VLTCT-ND♦†	.34	.29	.25	3,000	216.22/M
3.3	80	53	150	0.5	SOT-23-5	TC1016-3.3VCTCT-ND♦†	.34	.29	.25	3,000	216.22/M	
3.3	80	53	150	0.5	SC-70-5	TC1016-3.3VLTCT-ND♦†	.34	.29	.25	3,000	216.22/M	
4.0	80	53	150	0.5	SOT-23-5	TC1016-4.0VCTCT-ND♦†	.34	.29	.25	3,000	216.22/M	
4.0	80	53	150	0.5	SC-70-5	TC1016-4.0VLTCT-ND♦†	.34	.29	.25	3,000	216.22/M	
2.8	150	53	285	0.5	SOT-23-5	TC1017-2.8VCTCT-ND♦†	.45	.37	.31	3,000	280.28/M	
2.5	100	50	180	0.5	SOT-23A-5	TC10552.5VCT713CT-ND†	.34	.29	.25	3,000	216.22/M	
3.3	100	50	180	0.5	SOT-23A-5	TC10553.3VCT713CT-ND♦†	.34	.29	.25	3,000	216.22/M	
5.0	100	50	180	0.5	SOT-23A-5	TC10555.0VCT713CT-ND†	.34	.29	.25	3,000	216.22/M	
1.23 - 5.5	100	50	180	0.5	SOT-23A-5	TC1071VCT713CT-ND♦†	.34	.29	.25	3,000	216.22/M	
1.8	100	50	180	0.5	SOT-23A-6	TC10731.8VCH713CT-ND†	.34	.29	.25	—	—	
3.0	100	50	180	0.5	SOT-23A-6	TC10733.0VCH713CT-ND†	.34	.29	.25	3,000	216.22/M	
5.0	100	50	180	0.5	SOT-23A-6	TC10735.0VCH713CT-ND†	.34	.29	.25	3,000	216.22/M	
2.5	300	50	240	0.5	8-SOIC	TC1107-2.5VOA-ND♦	.37	.34	.29	—	—	
2.5	300	50	240	0.5	8-MSOP	TC1107-2.5VUA-ND	.37	.34	.29	—	—	
2.5	300	50	240	0.5	8-MSOP	TC1107-2.5VUACT-ND†	.42	.34	.29	2,500	256.26/M	
2.7	300	50	240	0.5	8-MSOP	TC1107-2.7VUA-ND	.37	.34	.29	—	—	
2.7	300	50	240	0.5	8-SOIC	TC1107-2.7VOA-ND♦	.37	.34	.29	—	—	