MICREL Innovation Through Technology™ Digi-Reel® (Cont.)

REGULATORS
RoHS Compliant

Micrel Part No.	Digi-Key Part No.	Description	Pkg.	Price Each★ 1	25	100
MIC2230-G4YML TR	576-3275-1-ND	1.8V/1.2V Dual Synchronous Step-Down DC/DC Regulator	12-MLF	3.46	2.77	2.16
MIC2230-G4YML TR	576-3275-2-ND	1.8V/1.2V Dual Synchronous Step-Down DC/DC Regulator	12-MLF	9603.41/5,000		
MIC2230-GFHYML TR	576-3030-1-ND	1.8V/1.575V Dual Synchronous Step-Down DC/DC Regulator	12-MLF	3.46	2.77	2.16
MIC2230-GFHYML TR	576-3030-2-ND	1.8V/1.575V Dual Synchronous Step-Down DC/DC Regulator	12-MLF	9603.41/5,000		
MIC2230-GSYML TR	576-3276-1-ND	1.8V/3.3V Dual Synchronous Step-Down DC/DC Regulator	12-MLF	3.46	2.77	2.16
MIC2230-GSYML TR	576-3276-2-ND	1.8V/3.3V Dual Synchronous Step-Down DC/DC Regulator	12-MLF	9603.41/5,000		
MIC2230-J4YML TR	576-3277-1-ND	2.5V/1.2V Dual Synchronous Step-Down DC/DC Regulator	12-MLF	3.46	2.77	2.16
MIC2230-J4YML TR	576-3277-2-ND	2.5V/1.2V Dual Synchronous Step-Down DC/DC Regulator	12-MLF	9603.41/5,000		
MIC2230-S4YML TR	576-3278-1-ND	3.3V/1.2V Dual Synchronous Step-Down DC/DC Regulator	12-MLF	3.46	2.77	2.16
MIC2230-S4YML TR	576-3278-2-ND	3.3V/1.2V Dual Synchronous Step-Down DC/DC Regulator	12-MLF	9603.41/5,000		
MIC2230-SSYML TR	576-3467-1-ND	3.3V Dual Sync. Step-Down DC/DC Regulator	12-MLF	3.46	2.77	2.16
MIC2230-SSYML TR	576-3467-2-ND	3.3V Dual Sync. Step-Down DC/DC Regulator	12-MLF	9603.41/5,000		
MIC2238-AAYML TR	576-1646-1-ND	2.5MHz Dual Phase Adj. PWM Buck Regulator	12-MLF	3.31	2.65	2.06
MIC2238-AAYML TR	576-1646-2-ND	2.5MHz Dual Phase Adj. PWM Buck Regulator	12-MLF	9190.36/5,000		
MIC2238-G4YML TR	576-3279-1-ND	2.5MHz Dual Phase 1.8V/1.2V PWM Buck Regulator	12-MLF	3.31	2.65	2.06
MIC2238-G4YML TR	576-3279-2-ND	2.5MHz Dual Phase 1.8V/1.2V PWM Buck Regulator	12-MLF	9190.36/5,000		
MIC2238-GSYML TR	576-3280-1-ND	2.5MHz Dual Phase 1.8V/3.3V PWM Buck Regulator	12-MLF	3.31	2.65	2.06
MIC2238-GSYML TR	576-3280-2-ND	2.5MHz Dual Phase 1.8V/3.3V PWM Buck Regulator	12-MLF	9190.36/5,000		
MIC2238-J4YML TR	576-3281-1-ND	2.5MHz Dual Phase 2.5V/1.2V PWM Buck Regulator	12-MLF	3.31	2.65	2.06
MIC2238-J4YML TR	576-3281-2-ND	2.5MHz Dual Phase 2.5V/1.2V PWM Buck Regulator	12-MLF	9190.36/5,000		
MIC2238-S4YML TR	576-3282-1-ND	2.5MHz Dual Phase 3.3V/1.2V PWM Buck Regulator	12-MLF	3.31	2.65	2.06
MIC2238-S4YML TR	576-3282-2-ND	2.5MHz Dual Phase 3.3V/1.2V PWM Buck Regulator	12-MLF	9190.36/5,000		
MIC2238-SSYML TR	576-3468-1-ND	2.5MHz Dual Phase 3.3V PWM Buck Regulator	12-MLF	3.31	2.65	2.06
MIC2238-SSYML TR	576-3468-2-ND	2.5MHz Dual Phase 3.3V PWM Buck Regulator	12-MLF	9190.36/5,000		
MIC2245YML TR	576-1499-1-ND	4MHz PWM Sync. Buck Regulator	10-MLF	1.95	1.57	1.22
MIC2250YML TR	576-3302-1-ND	Adj., High Eff. Low EMI Boost Reg.	8-MLF	1.22	.98	.74
MIC2250YML TR	576-3302-2-ND	Adj., High Eff. Low EMI Boost Reg.	8-MLF	3048.31/5,000		
MIC2285AYMT TR	576-2973-1-ND	8MHz PWM Sync. Buck Regulator	10-TMLF	1.55	1.24	.93
MIC2285AYMT TR	576-2973-2-ND	8MHz PWM Sync. Buck Regulator	10-TMLF	3874.41/5,000		
MIC2285YML TR	576-1498-1-ND	8MHz PWM Sync. Buck Regulator	10-MLF	2.90	2.32	1.81
MIC2285YML TR	576-1498-2-ND	8MHz PWM Sync. Buck Regulator	10-MLF	8054.48/5,000		
MIC2290YML TR	576-1076-1-ND	Adj., 2x2mm PWM Boost Regulator	8-MLF	1.31	1.05	.79
MIC2295YD5 TR	576-1080-1-ND	High Power Density 1.2A Boost Reg.	5-TSOT	1.97	1.57	1.18
MIC2295YML TR	576-2658-1-ND	1.2A Boost Regulator	8-MLF	1.95	1.57	1.22
MIC2295YML TR	576-2658-2-ND	1.2A Boost Regulator	8-MLF	5423.35/5,000		
MIC2296YD5 TR	576-2659-1-ND	1.2A Boost Regulator	TSOT-23-5	1.97	1.57	1.18
MIC2296YD5 TR	576-2659-2-ND	1.2A Boost Regulator	TSOT-23-5	3013.61/3,000		
MIC2296YML TR	576-2660-1-ND	1.2A Boost Regulator	8-MLF	1.95	1.57	1.22
MIC2296YML TR	576-2660-2-ND	1.2A Boost Regulator	8-MLF	5423.35/5,000		
MIC23150-CYMT TR	576-3400-1-ND	4MHz, 2A Buck Regulator	8-TMLF	1.95	1.57	1.22
MIC23150-CYMT TR	576-3400-2-ND	4MHz, 2A Buck Regulator	8-TMLF	5423.35/5,000		
MIC2570-1YM	576-2190-ND	20kHz, Two Cell Switching Regulator	8-SOIC	2.69	2.16	1.68
MIC2571-1YMM	576-2192-ND	20kHz, Single Cell Switching Reg.	8-MSOP	3.09	2.47	1.92
MIC2571-2YMM	576-2193-ND	20kHz, Single Cell Switching Reg.	8-MSOP	3.09	2.47	1.92
MIC2601YML TR	576-3283-1-ND	1.2MHz, 1.2A Boost Switching Reg.	8-MLF	2.10	1.69	1.31
MIC2601YML TR	576-3283-2-ND	1.2MHz, 1.2A Boost Switching Reg.	8-MLF	5836.40/5,000		
MIC2602YML TR	576-3284-1-ND	2MHz, 1.2A Boost Switching Regulator	8-MLF	2.23	1.79	1.39
MIC2602YML TR	576-3284-2-ND	2MHz, 1.2A Boost Switching Regulator	8-MLF	6195.75/5,000		
MIC2605YML TR	576-3258-1-ND	1.2MHz, 0.5A, Boost Switching Reg.	8-MLF	2.10	1.69	1.31
MIC2605YML TR	576-3258-2-ND	1.2MHz, 0.5A, Boost Switching Reg.	8-MLF	5836.40/5,000		
MIC2606YML TR	576-3259-1-ND	2MHz, 0.5A, Boost Switching Regulator	8-MLF	2.23	1.79	1.39
MIC2606YML TR	576-3259-2-ND	2MHz, 0.5A, Boost Switching Regulator	8-MLF	6195.75/5,000		
MIC3172YM	576-1160-ND	100kHz, 1.25A, Switching Regulator	8-SOIC	2.59	2.07	1.61
MIC3172YN	576-2255-ND	100kHz, 1.25A, Switching Regulator	8-Dip	3.11	2.49	1.94
MIC3385-1.5YHL TR	576-3110-1-ND	8MHz, 1.5V, Inductorless Buck Reg.	14-MLF	3.33	2.67	2.08
MIC3385-1.5YHL TR	576-3110-2-ND	8MHz, 1.5V, Inductorless Buck Reg.	14-MLF	9244.06/5,000		
MIC4043YM4 TR	576-2715-1-ND	Low Voltage Shunt Regulator	SOT-143	.72	.60	.48
MIC4043YM4 TR	576-2715-2-ND	Low Voltage Shunt Regulator	SOT-143	934.32/3,000		
MIC4574-3.3YN	576-2338-ND	3.3V, 200kHz Simple .5A Buck Reg.	8-Dip	2.60	2.09	1.62
MIC4574-5.0YN	576-1561-5-ND	5V, 200kHz Simple .5A Buck Regulator	8-Dip	2.60	2.09	1.62
MIC4574YN	576-2339-ND	Adj., 200kHz Simple .5A Buck Reg.	8-Dip	2.60	2.09	1.62
MIC4575-3.3WT	576-2340-ND	3.3V, 200kHz Simple 1A Buck Reg.	TO-220-5	2.83	2.27	1.76
MIC4575-3.3WU	576-2341-ND	3.3V, 200kHz Simple 1A Buck Reg.	TO-263-5	2.96	2.37	1.84
MIC4575-5.0WT	576-1531-5-ND	5V, 200kHz Simple 1A Buck Reg.	TO-220-5	2.83	2.27	1.76
MIC4575-5.0WU	576-1216-ND	5V, 200kHz Simple 1A Buck Reg.	TO-263-5	2.96	2.37	1.84
MIC4575-5.0WU TR	576-1549-1-ND	5V, 200kHz Simple 1A Buck Reg.	TO-263-5	2.96	2.37	1.84
MIC4575-5.0WU TR	576-1549-2-ND	5V, 200kHz Simple 1A Buck Reg.	TO-263-5	1280.66/750		
MIC4575WT	576-2342-ND	Adj., 200kHz Simple 1A Buck Reg.	TO-220-5	2.83	2.27	1.76
MIC4575WU	576-1217-ND	Adj., 200kHz Simple 1A Buck Reg.	TO-263-5	2.96	2.37	1.84
MIC4575WU TR	576-1550-1-ND	Adj., 200kHz Simple 1A Buck Reg.	TO-263-5	2.96	2.37	1.84
MIC4575WU TR	576-1550-2-ND	Adj., 200kHz Simple 1A Buck Reg.	TO-263-5	1280.66/750		
MIC4576WT	576-1218-ND	Adj., 200kHz Simple 3A Buck Reg.	TO-220-5	2.92	2.34	1.82
MIC4576WU	576-3378-5-ND	Adj., 200kHz Simple 3A Buck Regulator	TO-263-5	3.05	2.44	1.90
MIC4576WU TR	576-1219-1-ND	Adj., 200kHz Simple 3A Buck Reg.	TO-263-5	3.05	2.44	1.90
MIC4576WU TR	576-1219-2-ND	Adj., 200kHz Simple 3A Buck Reg.	TO-263-5	1320.93/750		
MIC4576-3.3WT	576-2343-ND	3.3V, 200kHz Simple 3A Buck Reg.	TO-220-5	2.92	2.34	1.82
MIC4576-3.3WU	576-1532-5-ND	Adj., 200kHz Simple 3A Buck Reg.	TO-263-5	3.05	2.44	1.90
MIC4576-3.3WU TR	576-1551-1-ND	Adj., 200kHz Simple 3A Buck Reg.	TO-263-5	3.05	2.44	1.90
MIC4576-3.3WU TR	576-1551-2-ND	Adj., 200kHz Simple 3A Buck Reg.	TO-263-5	1320.93/750		
MIC4576-5.0WU	576-1800-5-ND	5V, 200kHz Simple 3A Buck Reg.	TO-263-5	3.05	2.44	1.90
MIC4680-3.3YM	576-1220-ND	3.3V, 1A, 200kHz SuperSwitcher Buck Regulator	8-SOIC	3.03	2.43	1.89
MIC4680-3.3YM TR	576-1552-1-ND	3.3V, 1A, 200kHz SuperSwitcher Buck Regulator	8-SOIC	3.03	2.43	1.89

MICREL Innovation Through Technology™ Digi-Reel® (Cont.)

REGULATORS
RoHS Compliant

Micrel Part No.	Digi-Key Part No.	Description	Pkg.	Price Each★ 1	25	100
MIC4680-3.3YM TR	576-1552-2-ND	3.3V, 1A, 200kHz SuperSwitcher Buck Regulator	8-SOIC	4242.02/2,500		
MIC4680-5.0YM	576-3379-5-ND	5V, 1A, 200kHz SuperSwitcher Buck Regulator	8-SOIC	3.03	2.43	1.89
MIC4680-5.0YM TR	576-1221-1-ND	5V, 1A, 200kHz SuperSwitcher Buck Regulator	8-SOIC	3.03	2.43	1.89
MIC4680-5.0YM TR	576-1221-2-ND	5V, 1A, 200kHz SuperSwitcher Buck Regulator	8-SOIC	4242.02/2,500		
MIC4680YM	576-2344-ND	Adj., 1A, 200kHz SuperSwitcher Buck Regulator	8-SOIC	3.03	2.43	1.89
MIC4680YM TR	576-1222-1-ND	Adj., 1A, 200kHz SuperSwitcher Buck Regulator	8-SOIC	3.03	2.43	1.89
MIC4680YM TR	576-1222-2-ND	Adj., 1A, 200kHz SuperSwitcher Buck Regulator	8-SOIC	4242.02/2,500		
MIC4681YM	576-1801-5-ND	Adj., 2A 200kHz SuperSwitcher Buck Regulator	8-SOIC	3.66	2.93	2.28
MIC4682YM	576-1802-5-ND	Adj., Precision Current Limit SuperSwitcher Buck Regulator	8-SOIC	4.61	3.69	3.12
MIC4684YM	576-1223-ND	Adj., 2A High-Efficiency SuperSwitcher Buck Regulator	8-SOIC	3.35	2.68	2.09
MIC4684YM TR	576-1553-1-ND	Adj., 2A High-Efficiency SuperSwitcher Buck Regulator	8-SOIC	3.35	2.68	2.09
MIC4684YM TR	576-1553-2-ND	Adj., 2A High-Efficiency SuperSwitcher Buck Regulator	8-SOIC	4683.99/2,500		
MIC4685WR	576-1224-ND	Adj. 3A SPAK SuperSwitcher Buck Reg.	7-SPAK	3.88	3.11	2.42
MIC4685WR TR	576-1554-1-ND	Adj. 3A SPAK SuperSwitcher Buck Reg.	7-SPAK	3.88	3.11	2.42
MIC4685WR TR	576-1554-2-ND	Adj. 3A SPAK SuperSwitcher Buck Reg.	7-SPAK	1683.39/750		
MIC4690YM	576-1225-ND	Adj., 500kHz, 1A SuperSwitcher Buck Regulator	8-SOIC	3.27	2.62	2.04
MIC4720YML TR	576-2720-1-ND	2A, 2MHz, Integrated Switch Buck Reg.	12-MLF	2.72	2.18	1.69
MIC4720YML TR	576-2720-2-ND	2A, 2MHz, Integrated Switch Buck Reg.	12-MLF	7538.16/5,000		
MIC4720YMME	576-1654-5-ND	2A, 2MHz, Integrated Switch Buck Reg.	10-MSOP	2.90	2.32	1.81
MIC4720YMME TR	576-3313-1-ND	2A, 2MHz, Integrated Switch Buck Reg.	10-MSOP	2.90	2.32	1.81
MIC4720YMME TR	576-3313-2-ND	2A, 2MHz, Integrated Switch Buck Reg.	10-MSOP	4060.28/2,500		
MIC4721YMM	576-1655-5-ND	1.5A, 2MHz, Integ. Switch Buck Reg.	10-MSOP	2.02	1.63	1.27
MIC4722YML TR	576-1591-1-ND	3A, 2.7MHz, PWM Buck Regulator	12-MLF	3.31	2.65	2.06
MIC4722YML TR	576-1591-2-ND	3A, 2.7MHz, PWM Buck Regulator	12-MLF	9190.36/5,000		
MIC4723YML TR	576-1656-1-ND	3A, 2MHz Integrated Switch Buck Reg.	12-MLF	2.99	2.40	1.87
MIC4723YML TR	576-1656-2-ND	3A, 2MHz Integrated Switch Buck Reg.	12-MLF	8314.70/5,000		
MIC4723YMME	576-3553-5-ND	3A, 2MHz Integrated Switch Buck Reg.	10-eMSOP	3.35	2.68	2.09
MIC4724YMME	576-3120-5-ND	3A, 2MHz Integrated Switch Buck Reg.	10-MSOP	3.35	2.68	2.09
MIC4742YML TR	576-3354-1-ND	2A, 2MHz Integrated Switch Dual PWM Buck Regulator	16-MLF	3.66	2.93	2.28
MIC4742YML TR	576-3354-2-ND	2A, 2MHz Integrated Switch Dual PWM Buck Regulator	16-MLF	10173.42/5,000		
MIC4742YTSE	576-3355-5-ND	2A, 2MHz Integrated Switch Dual PWM Buck Regulator	16-TSSOP	4.06	3.25	2.53
MIC4744YML TR	576-3356-1-ND	2A, 4MHz Integrated Switch Dual PWM Buck Regulator	16-MLF	4.31	3.45	2.92
MIC4744YML TR	576-3356-2-ND	2A, 4MHz Integrated Switch Dual PWM Buck Regulator	16-MLF	13151.51/5,000		
MIC4744YTSE	576-3357-5-ND	2A, 4MHz Integrated Switch Dual PWM Buck Regulator	16-TSSOP	4.66	3.73	3.15
MIC5162YMM	576-1820-5-ND	Dual, DDR2/3 Regulator Controller	10-MSOP	1.69	1.36	1.02
MIC5163YMM	576-3482-5-ND	Dual, DDR3 GDDR3/4/5 Regulator Controller	10-MSOP	2.60	2.09	1.62
MIC5225-1.5YM5 TR	576-3013-1-ND	1.5V High Input Voltage, Low IQ Reg.	SOT-23-5	.72	.60	.48
MIC5225-1.5YM5 TR	576-3013-2-ND	1.5V High Input Voltage, Low IQ Reg.	SOT-23-5	934.32/3,000		
MIC5225-1.8YM5 TR	576-3017-1-ND	1.8V High Input Voltage, Low IQ Reg.	SOT-23-5	.72	.60	.48
MIC5225-1.8YM5 TR	576-3017-2-ND	1.8V High Input Voltage, Low IQ Reg.	SOT-23-5	934.32/3,000		
MIC5225-2.5YM5 TR	576-3005-1-ND	2.5V High Input Voltage, Low IQ Reg.	SOT-23-5	.72	.60	.48
MIC5225-2.5YM5 TR	576-3005-2-ND	2.5V High Input Voltage, Low IQ Reg.	SOT-23-5	934.32/3,000		
MIC5225-2.7YM5 TR	576-2978-1-ND	2.7V High Input Voltage, Low IQ Reg.	SOT-23-5	.72	.60	.48
MIC5225-2.7YM5 TR	576-2978-2-ND	2.7V High Input Voltage, Low IQ Reg.	SOT-23-5	934.32/3,000		
MIC5225-3.0YM5 TR	576-2979-1-ND	3.0V High Input Voltage, Low IQ Reg.	SOT-23-5	.72	.60	.48
MIC5225-3.0YM5 TR	576-2979-2-ND	3.0V High Input Voltage, Low IQ Reg.	SOT-23-5	934.32/3,000		
MIC5225-3.3YM5 TR	576-2980-1-ND	3.3V High Input Voltage, Low IQ Reg.	SOT-23-5	.72	.60	.48
MIC5225-3.3YM5 TR	576-2980-2-ND	3.3V High Input Voltage, Low IQ Reg.	SOT-23-5	934.32/3,000		
MIC5225-5.0YM5 TR	576-2999-1-ND	5.0V High Input Voltage, Low IQ Reg.	SOT-23-5	.72	.60	.48
MIC5225-5.0YM5 TR	576-2999-2-ND	5.0V High Input Voltage, Low IQ Reg.	SOT-23-5	934.32/3,000		
MIC5225YM5 TR	576-2998-1-ND	Adj. High Input Voltage, Low IQ Reg.	SOT-23-5	.72	.60	.48
MIC5225YM5 TR	576-2998-2-ND	Adj. High Input Voltage, Low IQ Reg.	SOT-23-5	934.32/3,000		
MIC5326-2.8YMT TR	576-3264-1-ND	2.8V, 150mA, Low Operating Current LDO Regulator	4-TMLF	.69	.58	.47
MIC5326-2.8YMT TR	576-3264-2-ND	2.8V, 150mA, Low Operating Current LDO Regulator	4-TMLF	1474.59/5,000		
MIC5327-1.8YMT TR	576-3265-1-ND	1.8V, 300mA, Low Quiescent Current LDO Regulator	4-TMLF	.72	.60	.48
MIC5327-1.8YMT TR	576-3265-2-ND	1.8V, 300mA, Low Quiescent Current LDO Regulator	4-TMLF	1528.29/5,000		
MIC5327-2.8YMT TR	576-3266-1-ND	2.8V, 300mA, Low Quiescent Current LDO Regulator	4-TMLF	.72	.60	.48
MIC5327-2.8YMT TR	576-3266-2-ND	2.8V, 300mA, Low Quiescent Current LDO Regulator	4-TMLF	1528.29/5,000		
MIC5337-1.8YMT TR	576-3267-1-ND	1.8V, 300mA, Low IQ Regulator	4-TMLF	.77	.65	.52
MIC5337-1.8YMT TR	576-3267-2-ND	1.8V, 300mA, Low IQ Regulator	4-TMLF	1631.55/5,000		
MIC5337-2.8YMT TR	576-3268-1-ND	2.8V, 300mA, Low IQ Regulator	4-TMLF	.77	.65	.52
MIC5337-2.8YMT TR	576-3268-2-ND	2.8V, 300mA, Low IQ Regulator	4-TMLF	1631.55/5,000		
MIC22200YML TR	576-3301-1-ND	Adj. Voltage, 2A Integrated Switch Sync. Buck Regulator	12-MLF	2.42	1.94	1.51
MIC22200YML TR	576-3301-2-ND	Adj. Voltage, 2A Integrated Switch Sync. Buck Regulator	12-MLF	6712.06/5,000		
MIC22400YTSE	576-3519-5-ND	4A Integrated Switch Synchronous Buck Regulator	20-TSSOP	4.61	3.69	3.12
MIC22601YML TR	576-3469-1-ND	Adj. Voltage, 6A Integrated Switch Sync. Buck Regulator	24-MLF	5.06	4.05	3.42
MIC22601YML TR	576-3469-2-ND	Adj. Voltage, 6A Integrated Switch Sync. Buck Regulator	24-MLF	15419.16/5,000		
MIC22700YML TR	576-3444-1-ND	Adj. Voltage, 7A Integrated Switch Sync. Buck Regulator	24-MLF	6.11	4.90	4.13
MIC22700YML TR	576-3444-2-ND	Adj. Voltage, 7A Integrated Switch Sync. Buck Regulator	24-MLF	18645.08/5,000		
MIC23030-CYMT TR	576-3520-1-ND	8MHz, 400mA PWM Synchronous Buck Regulator, Hyperlight Load™	6-TMLF	1.20	.96	.72
MIC23030-CYMT TR	576-3520-2-ND	8MHz, 400mA PWM Synchronous Buck Regulator, Hyperlight Load™	6-TMLF	2994.61/5,000		
MIC23030-FYMT TR	576-3365-1-ND	8MHz, 400mA PWM Synchronous Buck Regulator, HyperLight Load™	6-TMLF	1.20	.96	.72

C

* *RoHS Compliant* ★ ***CALL FOR LOWER PRICING ON LARGER QUANTITIES!*** ★ *(Continued)*