

Power Supply ICs - continued

Buck/Boost Regulators, Controllers & Charge Pumps



406011

Pins/Package	Description	Mfrs. List No.	Order Code	1+	25+	100+	+	+
682 8/NSOIC	Micro Power Inverting Charge Pump	SP682CN-L	938-8516	114.00	91.00	71.00	--	--
6120 16/TSSOP	Low Voltage, AnyFETTM, Synchronous, Buck Controller	SP6120BEY-L	938-8907	282.00	226.00	175.00	--	--
6120 16/TSSOP	Low Voltage, AnyFETTM, Synchronous, Buck Controller	SP6120EY-L	938-8893	282.00	226.00	175.00	--	--
6121 8/NSOIC	Low Voltage, 8 Pin, Synchronous Buck Controller	SP6121CN-L	938-8885	156.00	125.00	97.00	--	--
6122 8/MSOP	Low Voltage, Micro 8, PFET, Buck Controller	SP6122ACU-L	938-8877	114.00	91.00	71.00	--	--
6122 8/MSOP	Low Voltage, Micro 8, PFET, Buck Controller	SP6122ACU-L-1-5	938-8095	114.00	91.00	71.00	--	--
6123 8/NSOIC	300 kHz, Low Voltage, 8 Pin, Synchronous Buck Controller	SP6123EN-L	938-8869	198.00	158.00	123.00	--	--
6128 14/TSSOP	Low Voltage Synchronous Buck Controller	SP6128AEY-L	938-8850	300.00	240.00	187.00	--	--
6132 10/MSOP	Dual Supply Synchronous Buck Controller	SP6132EU-L	938-8842	234.00	187.00	145.00	--	--
6132 10/MSOP	High Voltage Synchronous Buck Controller	SP6132HEU-L	938-8834	330.00	264.00	205.00	--	--
6134 10/MSOP	Dual Supply Synchronous Buck Controller	SP6134EU-L	938-8826	234.00	187.00	145.00	--	--
6139 10/MSOP	Wide Input, 1.3MHz Synchronous PWM Controller	SP6139EU-L	938-8818	234.00	187.00	145.00	--	--
6644 8/mSOIC	Single/Dual Alkaline Cell, High Efficiency Boost DC-DC Regulator	SP6644EU-L	938-8800	162.00	130.00	101.00	--	--
6645 8/mSOIC	Single/Dual Alkaline Cell, High Efficiency Boost DC-DC Regulator	SP6645EU-L	938-8796	162.00	130.00	101.00	--	--
6648 10/DFN	Ultra-low Quiescent Current, High Efficiency Boost Regulator	SP6648ER-L	938-8788	210.00	168.00	130.00	--	--
6648 10/MSOP	Ultra-low Quiescent Current, High Efficiency Boost Regulator	SP6648EU-L	938-8770	210.00	168.00	130.00	--	--
6650 10/MSOP	High Efficiency 600mA Synchronous Buck Regulator	SP6650EU-L	938-8761	162.00	130.00	101.00	--	--
6651 10/DFN	High Efficiency 800mA Synchronous Buck Regulator	SP6651AER-L	938-8753	162.00	130.00	101.00	--	--
6651 10/MSOP	High Efficiency 800mA Synchronous Buck Regulator	SP6651AEU-L	938-8745	162.00	130.00	101.00	--	--
6654 10/DFN	High Efficiency 800mA Synchronous Buck Regulator w/power good	SP6654ER-L	938-8737	174.00	139.00	108.00	--	--
6654 10/MSOP	High Efficiency 800mA Synchronous Buck Regulator w/power good	SP6654EU-L	938-8729	174.00	139.00	108.00	--	--
6655 10/DFN	High Efficiency 400mA Synchronous Buck Regulator	SP6655ER-L	938-8710	174.00	139.00	108.00	--	--
6656 10/DFN	High Efficiency 400mA Synchronous Buck Regulator w/ bit programmable output	SP6656ER-L	938-8702	174.00	139.00	108.00	--	--
6660 8/μSOIC	200mA Charge Pump Inverter or Doubler	SP6660CU-L	938-8699	108.00	86.00	67.00	--	--
6661 8/NSOIC	High Frequency 200mA Charge Pump Inverter or Doubler	SP6661EN-L	938-8680	132.00	105.00	82.00	--	--
7650 26/DFN	SP7650, Wide Input Voltage Range 3A, 300kHz, Buck Regulator	SP7650ER-L	938-8567	330.00	264.00	205.00	--	--
7651 26/DFN	Wide Input Voltage Range 3A, 900kHz, Buck Regulator	SP7651ER-L	938-8559	354.00	283.00	220.00	--	--
7652 26/DFN	SP7652, Wide Input Voltage Range 6A, 600kHz, Buck Regulator	SP7652ER-L	938-8540	354.00	283.00	220.00	--	--
7655 26/DFN	SP7655, Wide Input Voltage Range 8A, 300kHz, Buck Regulator	SP7655ER-L	938-8532	593.00	475.00	369.00	--	--
7683 16/QFN	Four Channel Charge Pump LED Driver	SP7683ER-L	938-8524	234.00	187.00	145.00	--	--

LED Drivers & Regulators



406032

Pins/Package	Description	Mfrs. List No.	Order Code	1+	25+	100+	+	+
4446 5/SOT-23	High Output Voltage Boost Regulator LCD Bias Regulator	SP4446EK-L	938-7099	114.00	91.00	71.00	--	--
6682 10/DFN	High Efficiency Charge Pump Regulator for White LEDs	SP6682ER-L	938-8664	132.00	105.00	82.00	--	--
6682 10/MSOP	High Efficiency Charge Pump Regulator for White LEDs	SP6682EU-L	938-8656	132.00	105.00	87.00	--	--
6683 10/DFN	High Power LED Driver for Parallel Configuration	SP6683ER-L	938-8648	180.00	144.00	112.00	--	--
6685 10/DFN	Charge Pump LED Driver For Camera Flash	SP6685ER-L	938-8630	288.00	230.00	190.00	--	--
6690 5/SOT-23	Micro Power Boost Regulator Series White LED Driver	SP6690EK-L	938-8621	132.00	105.00	87.00	--	--
6691 5/SOT-23	Micro Power Boost Regulator Series White LED Driver	SP6691EK-L	938-8613	132.00	105.00	87.00	--	--
6691 8/DFN	Micro Power Boost Regulator Series White LED Driver	SP6691ER-L	938-8605	156.00	125.00	97.00	--	--
7611 6/SC-70	Low Dropout LED Driver for any Colour LED	SP7611AEC6-L	938-8591	66.00	53.00	41.00	--	--
7612 6/SC-70	Low Dropout LED Driver for any Colour LED	SP7612AEC6-L	938-8583	66.00	53.00	41.00	--	--
7614 6/SC-70	Low Dropout LED Driver for any Colour LED	SP7614AEC6-L	938-8575	66.00	53.00	41.00	--	--

Low Power Supervisory Circuits & Control



406025

Pins/Package	Description	Reset Threshold (V)	Mfrs. List No.	Order Code	1+	25+	100+	+	+
690 8/NSOIC	Low Power Microprocessor Supervisory with Battery Switch-Over	4.65	SP690AEN-L	938-9156	138.00	110.00	86.00	--	--
690 8/NSOIC	3.0V/3.3V Low Power Microprocessor Supervisory with Battery Switch-Over	2.625							
690 8/NSOIC	3.0V/3.3V Low Power Microprocessor Supervisory with Battery Switch-Over	3.075	SP690REN-L	938-9148	138.00	110.00	86.00	--	--
691 16/NSOIC	Low Power Microprocessor Supervisory with Battery Switch-Over	4.65	SP690TEN-L	938-9130	138.00	110.00	86.00	--	--
691 16/WSOIC	Low Power Microprocessor Supervisory with Battery Switch-Over	4.65	SP691AEN-L	938-9121	138.00	110.00	86.00	--	--
692 8/NSOIC	Low Power Microprocessor Supervisory with Battery Switch-Over	4.4	SP691AET-L	938-9113	138.00	110.00	86.00	--	--
703 8/NSOIC	Low Power Microprocessor Supervisory with Battery Switch-Over	4.65	SP692AEN-L	938-9105	174.00	139.00	115.00	--	--
704 8/NSOIC	Low Power Microprocessor Supervisory with Battery Switch-Over	4.4	SP703EN-L	938-9091	126.00	101.00	78.00	--	--
705 8/NSOIC	Low Power Microprocessor Supervisory Circuit	4.65	SP704EN-L	938-9083	126.00	101.00	78.00	--	--
706 8/NSOIC	Low Power Microprocessor Supervisory Circuit	4.4	SP705EN-L	938-9075	84.00	67.00	52.00	--	--
706 8/NSOIC	Low Power Microprocessor Supervisory Circuit	4.4	SP706EN-L	938-9067	84.00	67.00	52.00	--	--
706 8/NSOIC	Low Power Microprocessor Supervisory Circuit	4.4	SP706PEN-L	938-9059	84.00	67.00	52.00	--	--
706 8/NSOIC	Low Power Microprocessor Supervisory Circuit	4.4	SP706REN-L	938-9040	84.00	67.00	52.00	--	--
706 8/NSOIC	Low Power Microprocessor Supervisory Circuit	4.4	SP706SEN-L	938-9032	90.00	72.00	56.00	--	--
706 8/NSOIC	Low Power Microprocessor Supervisory Circuit	4.4	SP706TEN-L	938-9024	90.00	72.00	56.00	--	--
707 8/NSOIC	Low Power Microprocessor Supervisory Circuit	4.65	SP707EN-L	938-9016	90.00	72.00	56.00	--	--
708 8/NSOIC	Low Power Microprocessor Supervisory Circuit	4.4	SP708EN-L	938-9008	102.00	82.00	63.00	--	--
708 8/NSOIC	Low Power Microprocessor Supervisory Circuit	4.4	SP708TEN-L	938-8990	102.00	82.00	63.00	--	--
730 3/SOT-23	Microprocessor Supervisory with Pull Up Resistor	4.375	SP730EK-L-4-375	938-8460	102.00	82.00	63.00	--	--

Semiconductors - Integrated Circuits

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