

PFC & PWM Controllers



422901

	Pins	Pkg	Description	Mfrs. List No.	Order Code	Price Each		
						1+	10+	100+
4800	16	DIL	PFC & PWM Controller Combo (250kHz PWM)	ML4800IP	110-2158	169.00	134.00	125.00
4803	8	DIL	PFC & PWM Controller Combo (67kHz PFC/67kHz PWM)	FAN4803CP1	110-2134	122.00	98.00	86.00
4803	8	DIL	PFC & PWM Controller Combo (67kHz PFC/134kHz PWM)	FAN4803CP2	110-2135	122.00	98.00	91.00
4810	16	DIL	PFC Controller	FAN4810N	110-2136	103.00	82.00	66.00
4821	18	DIL	PFC Controller	ML4821CP	110-2159	232.00	186.00	174.00
4822	14	DIL	ZVS Average Current PFC Controller	FAN4822IN	110-2137	208.00	166.00	146.00
4824	16	DIL	PFC & PWM Controller Combo (PWM frequency = 1 x PFC)	ML4824CP1	110-2160	174.00	139.00	122.00
4824	16	DIL	PFC & PWM Controller Combo (PWM frequency = 2 x PFC)	ML4824CP2	110-2161	217.00	172.00	151.00
4824	16	DIL	PFC & PWM Controller Combo (PWM frequency = 1 x PFC)	ML4824IP1	110-2162	186.00	148.00	130.00
4826	20	DIL	PFC & Dual Output PWM Combo (PWM frequency = 2 x PFC)	ML4826CP2	110-2164	288.00	230.00	202.00
4841	16	DIL	Variable Feedforward PFC/PWM Controller Combo	ML4841CP	110-2165	250.00	200.00	186.00
5026	28	TSSOP	Dual DDR/Dual-Output PWM Controller	FAN5026MTC	110-2139	123.00	98.00	78.00

SiP 280x Low Power Consumption Current Mode Controllers



The SiP280x family is a range of high-speed, low power consumption, BiCMOS Current Mode Controllers. Each IC contains all of the control and drive functions required for off-line and dc-to-dc current mode switching power supplies. The range is designed to allow full designs using the minimum number of external parts.

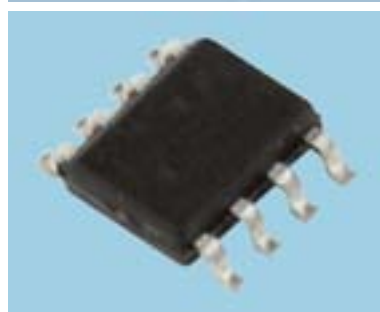
Features:

- Pin-for-Pin compatible with UCC280x Controllers
- 100µA Typical Start-Up Current
- 500µA Typical Operating Current
- Internal Soft Start at Power-On and After Fault

Applications:

- DC/DC Converter Modules
- Offline (AC/DC) Power Supplies
- Universal Input Power Supplies
- Buck-Boost Converters

386198



	Pins/Package	Reference Voltage	Turn-On Threshold	Turn-Off Threshold	Mfrs. List No.	Order Code	Price Each		
							1+	25+	100+
2800	8/TSSOP	5	7.2	6.9	SIP2800DQ-T1-E3	878-7530	79.00	75.00	68.00
2800	8/SOIC	5	7.2	6.9	SIP2800DY-T1-E3	878-7549	79.00	75.00	68.00
2801	8/TSSOP	5	9.4	7.4	SIP2801DQ-T1-E3	878-7557	79.00	75.00	68.00
2801	8/SOIC	5	9.4	7.4	SIP2801DY-T1-E3	878-7565	79.00	75.00	68.00
2802	8/TSSOP	5	12.5	8.3	SIP2802DQ-T1-E3	878-7573	79.00	75.00	68.00
2802	8/SOIC	5	12.5	8.3	SIP2802DY-T1-E3	878-7581	79.00	75.00	68.00
2803	8/TSSOP	4	4.1	3.6	SIP2803DQ-T1-E3	878-7590	79.00	75.00	68.00
2803	8/SOIC	4	4.1	3.6	SIP2803DY-T1-E3	878-7603	79.00	75.00	68.00
2804	8/TSSOP	5	12.5	8.3	SIP2804DQ-T1-E3	878-7611	79.00	75.00	68.00
2804	8/SOIC	5	12.5	8.3	SIP2804DY-T1-E3	878-7620	79.00	75.00	68.00
2805	8/TSSOP	4	4.1	3.6	SIP2805DQ-T1-E3	878-7638	79.00	75.00	68.00
2805	8/SOIC	4	4.1	3.6	SIP2805DY-T1-E3	878-7646	79.00	75.00	68.00

TOPSwitch-II Off-line PWM Switches

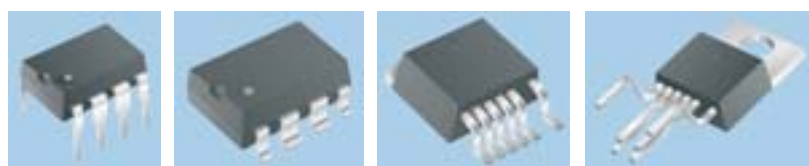


3-Terminal integrated off-line PWM switches with high voltage power MOSFET, high voltage start-up bias circuit, bandgap reference, bias shunt regulator/error amplifier for loop compensation and fault protection circuit.

228406

Mfrs. List No.	Single Voltage I/P 100/115/230 V <sub>AC</sub> ±15%		Pin Package	Order Code	Price Each		
	Pmax(W)	Wide range I/P 85 to 265 V <sub>AC</sub> Pmax(W)			1+	10+	100+
TOP221P	9	6	8/DIL	301-4216	114.00	101.00	96.00
TOP221PN	9	6	8/DIL	992-1117	114.00	101.00	90.00
TOP221Y	12	7	3/TO-220	301-4228	138.00	122.00	112.00
TOP221YN	12	7	3/TO-220	992-1125	138.00	122.00	106.00
TOP222P	15	10	8/DIL	301-4540	138.00	122.00	112.00
TOP222PN	15	10	8/DIL	992-1133	138.00	122.00	106.00
TOP222Y	25	15	3/TO-220	301-4551	160.00	140.00	131.00
TOP222YN	25	15	3/TO-220	992-1141	160.00	140.00	123.00
TOP223P	25	15	8/DIL	301-4563	160.00	140.00	131.00
TOP223PN	25	15	8/DIL	992-1150	160.00	140.00	123.00
TOP223YN	50	30	3/TO-220	992-1168	180.00	159.00	139.00
TOP224P	30	20	8/DIL	301-4587	180.00	159.00	152.00
TOP224PN	30	20	8/DIL	992-1176	180.00	159.00	143.00
TOP224Y	75	45	3/TO-220	301-4599	203.00	178.00	166.00
TOP224YN	75	45	3/TO-220	992-1184	203.00	178.00	157.00
TOP225Y	100	60	3/TO-220	301-4605	223.00	196.00	184.00
TOP225YN	100	60	3/TO-220	992-1192	223.00	196.00	173.00
TOP226Y	125	75	3/TO-220	301-4617	270.00	232.00	201.00
TOP226YN	125	75	3/TO-220	992-1206	270.00	232.00	189.00
TOP227YN	150	90	3/TO-220	992-1214	261.00	232.00	206.00

TOPSwitch-GX Integrated Off-line Switcher



TOPSwitch-GX family uses the TOPSwitch-II topology but extends on the power range while integrating many new functions designed to reduce system cost, improve design flexibility, performance and energy efficiency.

The devices feature: soft-start, 132kHz switching frequency, frequency jittering for lower EMI, wider DCmax hysteretic thermal shutdown and larger creepage packages.

229987

Pins/Package	Output Power (Open Frame) 230V a.c. ±15%	Output Power (Open Frame) 85-265V a.c.	Drain Voltage	Drain Peak Current (max @ 25°C)	RDS(on) @ 25°C	Mfrs. List No.	Order Code	Price Each		
								1+	10+	100+
8/DIL	15W	10W	-0.3 to 700V	0.72A	15.6Ω @ ID=50mA	TOP242PN	992-1222	109.00	81.00	71.00
6/TO-220	22W	14W	-0.3 to 700V	0.72A	15.6Ω @ ID=50mA	TOP242Y	362-6167	128.00	96.00	90.00
6/TO-220	22W	14W	-0.3 to 700V	0.72A	15.6Ω @ ID=50mA	TOP242YN	992-1230	128.00	96.00	84.00

Semiconductors - Integrated Circuits

23

Compliant Non-compliant Limited stock - RoHS replacement available

RoHS