

3Q97

Power Control

P/N	DESCRIPTION	SAMPLE	DATA SHEET	INTRO	CASE
L4949D L4949N	Multi-Function Very Low Dropout Regulator	NOW	NOW PRELIM	NOW	SO-8 DIP-8
LM2574N	0.5 A Easy Switcher™ DC-DC Converter	NOW	NOW PRELIM	NOW	DIP-8
LM2575D2T LM2575T	1.0 A Easy Switcher™ DC-DC Converter	NOW	NOW	NOW	D ² PAK-5 TO220-5
LM2576D2T LM2576T LM2576TV	3.0 A Easy Switcher™ DC-DC Converter	NOW	NOW PRELIM	NOW	D ² PAK-5 TO220-5 TO220-5
MC78LCxxHT1 MC78LCxxNTR	CMOS 3.0, 3.3, 4.0 or 5.0 V Ultra-low I _Q Voltage Regs w/80 mA Output	NOW	NOW	NOW	SOT-89 SOT-23
MC78FCxxHT1	CMOS 3.0, 3.3, 4.0 or 5.0 V Ultra-low I _Q Voltage Regs w/120 mA Output	NOW	NOW	NOW	SOT-89
MC78BCxxNTR	CMOS 3.0, 3.3, 4.0 or 5.0 V Regs for External Power Transistor	NOW	NOW	NOW	SOT-23
MC33154D MC33154P	Single IGBT Driver, Non-Inverting	NOW	NOW PRELIM	NOW	SO-8 DIP-8
MC33264D-2.8, 3.0, 3.3, 3.8, 4.0, 4.75, 5.0 MC33264DM-2.8, 3.0, 3.3, 3.8, 4.0, 4.75, 5.0	Micropower Low Dropout Regulators with on/off Control	NOW	NOW	NOW	SO-8 Micro-8
MC33340D MC33340P	NiCd, NiMH Battery Charge Controller	NOW	NOW	NOW	SO-8 DIP-8
MC33341D MC33341P	Power Supply/ Battery Charge Regulation Control Circuit	NOW	NOW	NOW	SO-8 DIP-8
MC33345DW MC33345DTB	Lithium Battery Safety IC (1-4 cells)	NOW (PC) 10/97	NOW PRELIM	10/97 10/97	SO-20L TSSOP-20
MC33347D MC33347DTB	Lithium Battery Safety IC (1-2 cells)	NOW 9/97	NOW	NOW 9/97	SO-16L TSSOP-16
MC33348D-1,-2,-3,-4,-5,-6	Lithium Battery Safety IC (1-cell)	NOW	NOW	NOW	SO-8
MC33362DW MC33362P	500 V Switching Regulator (5 Ohms)	NOW	NOW	NOW	SOP(12+2+2)L DIP(12+2+2)
MC33363DW MC33363P	700 V Switching Regulator (14 Ohms)	NOW	NOW	NOW	SOP(12+2+2)L DIP(12+2+2)
MC33363ADW MC33363AP	700 V Switching Regulator (9 Ohms)	NOW	NOW	NOW	SOP(12+2+2)L DIP(12+2+2)
MC33463H-30KT1, 33KT1, 50KT1	Variable Freq Mod (VFM) CMOS 3.0, 3.3, or 5.0 V DC-DC Converters w/Internal Switch	NOW	NOW	NOW	SOT-89

Power Control (continued)

P/N	DESCRIPTION	SAMPLE	DATA SHEET	INTRO	CASE
MC33463H-30LT1, 33LT1, 50LT1	Variable Freq Mod (VFM) CMOS 3.0, 3.3, or 5.0 V DC-DC Converters for External Switch	NOW	NOW	NOW	SOT-89
MC33464H-xxAT1	CMOS Undervoltage Sensing Circuits w/Open Drain Reset & Thresholds of 0.9, 2.0, 2.7, 3.0 or 4.5 V	NOW	NOW	NOW	SOT-89
MC33464H-xxCT1	Same w/CMOS Reset	NOW	NOW	NOW	SOT-89
MC33464N-xxATR	Same w/Open Drain Reset	NOW	NOW	NOW	SOT-23
MC33464N-xxCTR	Same w/CMOS Reset	NOW	NOW	NOW	SOT-23
MC33465N-xxATR	Same w/Output Delay and Open Drain Reset	NOW	NOW	NOW	SOT-23
MC33465N-xxCTR	Same w/Output Delay and CMOS Reset	NOW	NOW	NOW	SOT-23
MC33466H-30JT1, 33JT1, 50JT1	Fixed Freq PWM CMOS 3.0, 3.3 or 5.0 V DC-DC Conv/w Int Switch	NOW	NOW	NOW	SOT-89
MC33466H-30LT1, 33LT1, 50LT1	Fixed Freq PWM CMOS DC-DC Converters for External Switch	NOW	NOW	NOW	SOT-89
MC44604P	GreenLine™ Power Supply Controller	NOW	NOW PRELIM	NOW	DIP-16
MC44605P	GreenLine™ SMPS Controller for Monitors	NOW	NOW PRELIM	NOW	DIP-16
TL431BCDM, BIDM	Programmable Precision Ref	NOW	NOW	NOW	Micro-8

Computer/Peripherals

P/N	DESCRIPTION	SAMPLE	DATA SHEET	INTRO	CASE
MC68160FB	Enhanced Ethernet Serial Xceiver	NOW	NOW	NOW	TQFP-52
MC68160BFB	Enhanced Ethernet Serial Xceiver (Industrial Temp: -40 to +85 °C, QUICC Companion)	NOW	NOW	NOW	TQFP-52
MC68160CFB	Enhanced Ethernet Serial Xceiver (QUICC Companion)	NOW	NOW	NOW	TQFP-52

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Communications

P/N	DESCRIPTION	SAMPLE	DATA SHEET	INTRO	CASE
MC13110FB	CT-1 Combo III/w Scrambler	NOW	NOW	NOW	QFP-52
MC13110AFB,BFB MC13110AFTA,BFTA	Advanced CT-1 Combo III with Scrambler	NOW	NOW PRELIM	9/97	QFP-52 TQFP-48
MC13111FB	CT-1 Combo III without Scrambler	NOW	NOW	NOW	QFP-52
MC13111AFB,BFB MC13111AFTA,BFTA	Advanced CT-1 Combo III without Scrambler	NOW	NOW	9/97	QFP-52 TQFP-48
MC13142D	DC-1.8 GHz LNA plus Mixer and VCO	NOW	NOW PRELIM	NOW	SO-16
MC13143D	DC-2.4 GHz Linear Mixer	NOW	NOW PRELIM	NOW	SO-8
MC13144D	900 MHz Low-Noise Amplifier	NOW	NOW PRELIM	NOW	SO-8
MC13145FTA	VHF Receiver	9/97	NOW PRELIM	1Q98	TQFP-48
MC13146FTB	VHF Transmitter	NOW	NOW PRELIM	1Q98	TQFP-20
MC13159DTB	Wideband FM IF for PHS	NOW	NOW	NOW	TSSOP-16
MC33215B MC33215FB	Speakerphone and Line Interface Circuit	NOW	NOW	NOW	SDIP-42 QFP-52
MC33410FTA	CVSD Codec + Triple PLL	9/97	NOW PRELIM	1Q98	TQFP-48

Op Amps/Comparators

P/N	DESCRIPTION	SAMPLE	DATA SHEET	INTRO	CASE
MC33502D MC33502P	1.0 V Rail-to-Rail Dual Op Amps	NOW (PC)	NOW PRELIM	8/97	SO-8 DIP-8

Automotive

P/N	DESCRIPTION	SAMPLE	DATA SHEET	INTRO	CASE
MC33093DW	TFI 1 Ignition IC	NOW	9/97	NOW	SO-16L
MC33094DW	TFI 4 Ignition IC	NOW	9/97	NOW	SO-16L
MC33143DW	Dual High Side Driver	NOW	NOW	NOW	SO-16L
MC33290D MC33290P	ISO-9141 Serial Link Transceiver	NOW	NOW	NOW	SO-8 DIP-8
MC33291DW	Basic Octal Serial Switch	9/97	NOW PRELIM	10/97	SO-24L
MC33390D	J1850 Serial Link Transceiver	10/97	NOW PRELIM	12/97	SO-8

Consumer

P/N	DESCRIPTION	SAMPLE	DATA SHEET	INTRO	CASE
MC44461B	One-Chip Color PIP	NOW	NOW	NOW	SDIP-56
MC44462B	One-Chip Color PIP (Y-C)	NOW	NOW PRELIM	NOW	SDIP-56
MC44462VB MC44462VFTA	One-Chip Color PIP (Y-C), V-Chip with Free Run Mode	9/97	9/97 PRELIM	2Q98	SDIP-56 TQFP-64
MC44463B	Color Replay PIP (Ext Memory)	NOW	NOW PRELIM	NOW	SDIP-56
MC44468B	One-Chip Color PIP (Y-U-V/R-G-B)	9/97	NOW PRELIM	1Q98	SDIP-56

DEFINITIONS:

- DIP.....Dual In-line Package
- DPAK.....Miniature TO-220 Surface Mount Power Package (for Linear Regulators)
- D²PAKTO-220 Surface Mount Power Package
- DW.....Wide Body Surface Mounted Device Package Suffix
- EIAJElectronics Industries Association-Japan
- FLP-CHPFlip-Chip
- Micro-8.....Subminiature 8-Pin Surface Mount Package with DM Suffix
- (PC)Indicates Prototype Samples Only Are Available (Contact Your PME)
- PLCCPlastic Leaded Chip Carrier (Plastic Quad Package)
- PRELIMIndicates Prototype, Computer-Generated Data Sheet is Available (Contact Your PME)
- QFPPlastic Quad Flat Pack
- SDIPShrink Dual In-line Package
- SIP.....Single In-line Package (TO-220 Type)
- SOSmall Outline Surface Mount Package
- SOPSmall Outline Power Surface Mount Package
- SOT-23Subminiature Surface Mount Power Package with N Suffix
- SOT-89Subminiature Three-Lead Surface Mount Power Package with H Suffix
- TBDTo Be Determined
- TQFP.....Thin Plastic Quad Flat Pack
- TSSOPThin Surface Mount Small Outline Package
- (XC)Indicates Pre-production Samples Only Are Available (Contact Your PME)