## RECENT IC ANNOUNCEMENTS

XA-H3 XA-H4 408.991.2332 A 16-bit MCU includes four UARTs, supports 32M of memory, operates at 30 MHz with a 3.3-V supply in a 100-pin package.  EP7212 Cirrus Logic SOC integrates ARM 7207 processor with internal clock speed range of 510.457.3128 of 19-74 MHz at 2.5 v supports multiple internet audio standards.  VSP3010 Burr-Brown 800.548.6132 STMicroelectronics 781.861.2650 STMicroelectronics 781.861.2650 A-to 16-channel ADC, and 9 to 20 I/O pins in an SSOP package.  INTERFACE  MISSOURI AMCC 650.569.3806 CDC857 Texas Instruments 800.47.8924 ST0428 ST0428 STMCochip SONET/SDH OC-48, OC-12, or OC-3 speeds.  MEMORY  ST37VF040 SIIIcon Storage 4-Mbit MTP EEPROM features 2.7-V read, 70-ns access, 10-μs/byte 408.523.7739 DRMSD-90.4320 Single-axis, analog-output accelerometer has 10-KHz frequency response, 800.252.5643 AMCC Allicon Storage 4-Mbit MTP EEPROM features 2.7-V read, 70-ns access, 10-μs/byte 800.262.5643 Audio CODEC ontains 16-bit ADC and DAC: 3-6-V power supply, and 800.548.6132 Single-axis, analog-output accelerometer has 10-KHz frequency response, 800.262.5643 Burr-Brown OP Ap551 Burr-Brown OP Ap amples-prod,—No Adcordering on Additional Supports sample frequency response, 1.8 mA at 5 V, on-board uncommitted amplifier, and 0.0002-gresolution.  ADC 2587 Burr-Brown OP Ap551 Burr-Brown OP Ap amples-prod,—No Adcordering 12-bit ADC and DAC: 3-6-V power supply, and 800.548.6132 Single-axis, analog-output accelerometer has 10-KHz frequency response, 800.262.5643 Burr-Brown OP Ap551 Burr-Brown OP Ap amples-prod,—No Additional Contains 16-bit ADC and DAC: 3-6-V power supply, and 800.548.6132 Single-axis, analog-output accelerometer has 10-KHz frequency response, 1.8 mA at 5 V, on-board uncommitted amplifier, and 0.0002-gresolution. PCM3500 Burr-Brown OP Ap551 Burr-Brown OP Ap56568 Single-axis, analog-output accelerometer has 10-KHz frequency response, 800.548.6132 Single-axis, analog-output accelerometer has 10-KHz frequency response, 800.548.6132 Single-axis, analog-output accelerometer has 10-KHz frequency resp	PART NUMBER	VENDOR	DESCRIPTION	PRICE/QUANTITY	AVAILABILITY
Philips	MICDODDOCE	COD			
A08.991.2332   package and features on-chip user-configurable oscillator.   Prod.—3C			COO hand at 000Fd architecture effect 2V of OTD accounts in a 20 min	¢1.11/F00	Canada Nam
XA-H4408.991.2332at 30 MHz with a 3.3-V supply in a 100-pin package.Prod.—NoEP7212Cirrus Logic 510.457.3128SCC Integrates ARM 720T processor with internal clock speed range of of 19-74 MHz at 2.5 V; supports multiple Internal audio standards.\$18.75/10,000Samples— Prod.—NoVSP3010Burr-Brown 800.548.61323-channel CCD/CIS signal processor contains sensor-signal sampling, black-level adjustment, and a programmable gain amplifier.\$5.75/1,000Samples— Prod.—NoST62TxxSTMicroelectronics 781.861.26508-bit MCU family features 2k to 4k ROM, 64 bytes RAM, 4- to 16-channel ADC, and 9 to 20 I/O pins in an SSOP package.\$1.75/10,000Samples— Prod.—NoINTERFACEMissouri MCRF202Single-chip OC-48 DWDM with 16 OC-3 filber-side interfaces; can aggregate 16 OC-3 interfaces, 4 OC-12 interfaces, or a combination.\$445/1,000Samples— Prod.—NoMCRF202Microchip 480.786.7668RF ID tagging IC features 96- or 128-bit ROM, encoding options of NRZ and Direct, and modulation options of Direct, FSC, and PSK.\$0.85/10,000Samples— Prod.—NoS3057AMCC 650.569.3806AS IGE multirate transceiver capable of operating at Gigabit Ethernet, SONET/SDH OC-48, OC-12, or OC-3 speeds.\$1.35/1,000Samples— Prod.—ACMEMORYSilicon Storage 408.523.77394-Mbit MTP EEPROM features 2.7-V read, 70-ns access, 10-µs/byte programming, 1,000-cycle endurance, and JEDEC standard flash packages.\$2.05/100,000Samples— Prod.—NoPCM3500Burr-Brown 800.548.6132Single-axis, analog-output accelerometer has 10-kHz frequency response, 1.8 mA at 5 V, on-board unc	LPC/62			\$1.11/500	Prod.—3Q99
SP3010 Burr-Brown 3-channel CCD/CIS signal processor contains sensor-signal sampling, 85.75/1,000 Samples—Prod.—No. STMctroelectronics 8-bit MCU family features 2K to 4K ROM, 64 bytes RAM, \$1.75/10,000 Samples—Prod.—No. STMicroelectronics 8-bit MCU family features 2K to 4K ROM, 64 bytes RAM, \$1.75/10,000 Samples—Prod.—No. STMicroelectronics 8-bit MCU family features 2K to 4K ROM, 64 bytes RAM, \$1.75/10,000 Samples—Prod.—No. STMICROELECTRO		•		\$8.00/1,000	Samples—Now Prod.—Now
ST62Txx STMicroelectronics 781.861.2650	EP7212	0		\$18.75/10,000	Samples—Now Prod.—4Q99
T81.861.2650   4- to 16-channel ADC, and 9 to 20 I/O pins in an SSOP package.   Prod.—No INTERFACE	VSP3010			\$5.75/1,000	Samples—Now Prod.—Now
MISSOURI AMCC 650.569.3806 Single-chip OC-48 DWDM with 16 OC-3 fiber-side interfaces; can aggregate 16 OC-3 interfaces, 4 OC-12 interfaces, or a combination.  MCRF202 Microchip 480.786.7668 RF ID tagging IC features 96- or 128-bit ROM, encoding options of NRZ and Direct, and modulation options of Direct, FSC, and PSK.  CDC857 Texas Instruments 800.47.8924 DDR SDRAM clock driver provides up to 10 differential PLL clock outputs, at speeds up to 170 MHz; operates at 2.5 and 3.3 V.  S3057 AMCC A SiGe multirate transceiver capable of operating at Gigabit Ethernet, SONET/SDH OC-48, OC-12, or OC-3 speeds.  MEMORY  SST37VF040 Silicon Storage 4-Mbit MTP EEPROM features 2.7-V read, 70-ns access, 10-μs/byte programming, 1,000-cycle endurance, and JEDEC standard flash packages.  MISCELLANEOUS  Analog Devices 800.262.5643 Is mA at 5 V, on-board uncommitted amplifier, and 0.0002-g resolution.  PCM3500 Burr-Brown 800.548.6132 Single-axis, analog-output accelerometer has 10-KHz frequency response, 800.548.6132 Audio CODEC contains 16-bit ADC and DAC; 3.6-V power supply, and 800.548.6132 Supplies up to 60 V and delivers up to 200 mA of drive current.  MCP320X Microchip 480.786.7668 Burr-Brown ADC with DSP interfaces features 20-bit resolution, 25-KHz sample \$6.55/1,000 Samples—Prod.—No ADS 1250 Burr-Brown ADC with DSP interface features 20-bit resolution, 25-KHz sample \$6.55/1,000 Samples—Prod.—No Samples—Prod.—No Son A standby, and 2.7-5.5-V supply range.	ST62Txx			\$1.75/10,000	Samples—Now Prod.—Now
MCRF202 Microchip 480.786.7668 of NRZ and Direct, and modulation options of NRZ and Direct, and modulation options of Direct, FSC, and PSK.  CDC857 Texas Instruments 800.47.8924 at speeds up to 170 MHz; operates at 2.5 and 3.3 V.  S3057 AMCC ASIGe multirate transceiver capable of operating at Gigabit Ethernet, SONET/SDH OC-48, OC-12, or OC-3 speeds.  MEMORY  SST37VF040 Silicon Storage 408.523.7739 Programming, 1,000-cycle endurance, and JEDEC standard flash packages.  MISCELLANEOUS  Analog Devices 800.262.5643 1.8 mA at 5 V, on-board uncommitted amplifier, and 0.0002-g resolution.  PCM3500 Burr-Brown Audio CODEC contains 16-bit ADC and DAC; 3.6-V power supply, and 800.548.6132 60-μA power-down mode: supports sample frequency range of 7.2-26 KHz.  OPA551 Burr-Brown Supplies up to 60 V and delivers up to 200 mA of drive current.  ADS 1250 Burr-Brown ADC with DSP interface features 20-bit resolution, 25-KHz sample \$6.55/1,000 Samples—Prod.—No Addit DSP interface features 20-bit resolution, 25-KHz sample \$6.55/1,000 Samples—Prod.—No Addit DSP interface features 20-bit resolution, 25-KHz sample \$6.55/1,000 Samples—Prod.—No Addit DSP interface features 20-bit resolution, 25-KHz sample \$6.55/1,000 Samples—Prod.—No Addit DSP interface features 20-bit resolution, 25-KHz sample \$6.55/1,000 Samples—Prod.—No Additional processing the sample free succession and processing the samples \$6.55/1,000 Samples—Prod.—No Additional processing the samples and processing the samples \$6.55/1,000 Samples—Prod.—No Additional processing the samples \$6.55/1,000 Samples—Prod.—No Additional processing the sample free succession and processing the samples \$6.55/1,000 Samples—Prod.—No Additional processing the samples \$6.55/1,000 Sam	INTERFACE				
480.786.7668 of NRZ and Direct, and modulation options of Direct, FSC, and PSK.  Prod.—No SDRAM clock driver provides up to 10 differential PLL clock outputs, at speeds up to 170 MHz; operates at 2.5 and 3.3 V.  AMCC 650.569.3806 SONET/SDH OC-48, OC-12, or OC-3 speeds.  MEMORY  SST37VF040 Silicon Storage 408.523.7739 degramming, 1,000-cycle endurance, and JEDEC standard flash packages.  MISCELLANEOUS  ADXL105 Analog Devices 800.262.5643 Single-axis, analog-output accelerometer has 10-KHz frequency response, 1.8 mA at 5 V, on-board uncommitted amplifier, and 0.0002-g resolution.  PCM3500 Burr-Brown 800.548.6132 Op amp features 3-MHz bandwidth, 15-V/μs slew rate; operates on 800.548.6132 Supplies up to 60 V and delivers up to 200 mA of drive current.  MICP320X Microchip 480.786.7668 Durr-Brown ADC with DSP interface features 20-bit resolution, 25-KHz sample \$6.551,000 Samples—Prod.—No Samples—Prod.—No ADC with DSP interface features 20-bit resolution, 25-KHz sample \$6.551,000 Samples—Prod.—No Sa	MISSOURI			\$445/1,000	Samples—4Q99 Prod.—1Q00
800.47.8924 at speeds up to 170 MHz; operates at 2.5 and 3.3 V.  Prod.—No Samples— Frod.—4C  MEMORY  SST37VF040 Silicon Storage 408.523.7739 4-Mbit MTP EEPROM features 2.7-V read, 70-ns access, 10-μs/byte programming, 1,000-cycle endurance, and JEDEC standard flash packages.  MISCELLANEOUS  Analog Devices 800.262.5643 1.8 mA at 5 V, on-board uncommitted amplifier, and 0.0002-g resolution.  PCM3500 Burr-Brown 800.548.6132 Audio CODEC contains 16-bit ADC and DAC; 3.6-V power supply, and 60-μA power-down mode; supports sample frequency range of 7.2-26 KHz.  OPA551 Burr-Brown OPA552 800.548.6132 Supplies up to 60 V and delivers up to 200 mA of drive current.  MICP320X Microchip 480.786.7668 12-bit ADC features 100 Ksamples/s throughput, 400 μA active, 500 nA standby, and 2.7-5.5-V supply range.  ADS 1250 Burr-Brown ADC with DSP interface features 20-bit resolution, 25-KHz sample \$6.55/1,000 Samples—Prod.—No	MCRF202			\$0.85/10,000	Samples—Now Prod.—Now
MEMORY  SST37VF040 Silicon Storage 408.523.7739 4-Mbit MTP EEPROM features 2.7-V read, 70-ns access, 10-μs/byte programming, 1,000-cycle endurance, and JEDEC standard flash packages.  MISCELLANEOUS  ADXL105 Analog Devices 800.262.5643 Single-axis, analog-output accelerometer has 10-KHz frequency response, 1.8 mA at 5 V, on-board uncommitted amplifier, and 0.0002-g resolution.  PCM3500 Burr-Brown 800.548.6132 Audio CODEC contains 16-bit ADC and DAC; 3.6-V power supply, and 60-μA power-down mode; supports sample frequency range of 7.2–26 KHz.  OPA551 Burr-Brown Op amp features 3-MHz bandwidth, 15-V/μs slew rate; operates on supplies up to 60 V and delivers up to 200 mA of drive current.  MCP320X Microchip 480.786.7668 12-bit ADC features 100 Ksamples/s throughput, 400 μA active, 500 nA standby, and 2.7–5.5-V supply range.  ADS 1250 Burr-Brown ADC with DSP interface features 20-bit resolution, 25-KHz sample \$6.55/1,000 Samples—Prod.—No	CDC857			\$5.59/1,000	Samples—Now Prod.—Now
SST37VF040 Silicon Storage 408.523.7739 4-Mbit MTP EEPROM features 2.7-V read, 70-ns access, 10-μs/byte programming, 1,000-cycle endurance, and JEDEC standard flash packages.  MISCELLANEOUS  ADXL105 Analog Devices 800.262.5643 Single-axis, analog-output accelerometer has 10-KHz frequency response, 1.8 mA at 5 V, on-board uncommitted amplifier, and 0.0002-g resolution.  PCM3500 Burr-Brown Audio CODEC contains 16-bit ADC and DAC; 3.6-V power supply, and 800.548.6132 60-μA power-down mode; supports sample frequency range of 7.2–26 KHz.  OPA551 Burr-Brown Op amp features 3-MHz bandwidth, 15-V/μs slew rate; operates on supplies up to 60 V and delivers up to 200 mA of drive current.  MCP320X Microchip 480.786.7668 12-bit ADC features 100 Ksamples/s throughput, 400 μA active, 500 nA standby, and 2.7–5.5-V supply range.  ADS 1250 Burr-Brown ADC with DSP interface features 20-bit resolution, 25-KHz sample \$6.55/1,000 Samples—Prod.—No	\$3057			\$135/1,000	Samples—Now Prod.—4Q99
MISCELLANEOUS  Analog Devices Single-axis, analog-output accelerometer has 10-KHz frequency response, 800.262.5643 1.8 mA at 5 V, on-board uncommitted amplifier, and 0.0002-g resolution.  PCM3500 Burr-Brown Audio CODEC contains 16-bit ADC and DAC; 3.6-V power supply, and 800.548.6132 60-μA power-down mode; supports sample frequency range of 7.2–26 KHz.  OPA551 Burr-Brown Op amp features 3-MHz bandwidth, 15-V/μs slew rate; operates on supplies up to 60 V and delivers up to 200 mA of drive current.  MCP320X Microchip 12-bit ADC features 100 Ksamples/s throughput, 400 μA active, 500 nA standby, and 2.7–5.5-V supply range.  ADS 1250 Burr-Brown ADC with DSP interface features 20-bit resolution, 25-KHz sample \$6.55/1,000 Samples—Prod.—No	MEMORY				
ADXL105  Analog Devices 800.262.5643  Analog Devices 800.262.5643  Single-axis, analog-output accelerometer has 10-KHz frequency response, 18 mA at 5 V, on-board uncommitted amplifier, and 0.0002-g resolution.  PCM3500  Burr-Brown Audio CODEC contains 16-bit ADC and DAC; 3.6-V power supply, and 800.548.6132  OPA551  OPA551  OPA552  Burr-Brown Op amp features 3-MHz bandwidth, 15-V/μs slew rate; operates on 800.548.6132  Microchip 12-bit ADC features 100 Ksamples/s throughput, 400 μA active, 480.786.7668  MCP320X  Microchip 480.786.7668  ADS 1250  Burr-Brown ADC with DSP interface features 20-bit resolution, 25-KHz sample  \$15.96/1,000  Samples—Prod.—No  \$3.45/1,000  \$3.45/1,000  Samples—Prod.—No  \$2.58/1,000  Samples—Prod.—No	SST37VF040			\$2.05/100,000	Samples—Now
1.8 mA at 5 V, on-board uncommitted amplifier, and 0.0002-g resolution.  Prod.—No  Burr-Brown 800.262.5643  Audio CODEC contains 16-bit ADC and DAC; 3.6-V power supply, and 800.548.6132  OPA551 OPA551 OPA552  Burr-Brown OPA552  Burr-Brown OPA552  Microchip 480.786.7668  Description 12-bit ADC features 100 Ksamples/s throughput, 400 μA active, 480.786.7668  Burr-Brown ADC with DSP interface features 20-bit resolution, 25-KHz sample  \$3.45/1,000  \$3.45/1,000  \$3.45/1,000  \$4.64/1,00	MISCELLANEO	US			
800.548.6132 60-μA power-down mode; supports sample frequency range of 7.2–26 KHz.  OPA551 OPA551 OPA552 Burr-Brown OPA552 Burr-Brown OPA552  Microchip 480.786.7668  Description of the supplies up to 60 V and delivers up to 200 mA of drive current.  MCP320X Microchip 480.786.7668  Description of the supplies up to 60 V and delivers up to 200 mA of drive current.  Samples—Prod.—No Samples—Prod.—No ADS 1250  Burr-Brown  ADC with DSP interface features 20-bit resolution, 25-KHz sample  \$6.55/1,000  Samples—Prod.—No	ADXL105	~		\$15.96/1,000	Samples—Now Prod.—Now
OPA552 800.548.6132 supplies up to 60 V and delivers up to 200 mA of drive current.  MCP320X Microchip 480.786.7668 12-bit ADC features 100 Ksamples/s throughput, 400 μA active, 500 nA standby, and 2.7–5.5-V supply range.  ADS 1250 Burr-Brown ADC with DSP interface features 20-bit resolution, 25-KHz sample \$6.55/1,000 Samples—	PCM3500			\$3.45/1,000	Samples—Now Prod.—Now
480.786.7668 500 nA standby, and 2.7–5.5-V supply range. Prod.—No ADS 1250 Burr-Brown ADC with DSP interface features 20-bit resolution, 25-KHz sample \$6.55/1,000 Samples—				\$1.64/1,000	Samples—Now Prod.—Now
	MCP320X	•		\$2.58/1,000	Samples—Now Prod.—Now
	ADS 1250		· · · · · · · · · · · · · · · · · · ·	\$6.55/1,000	Samples—Now Prod.—Now
OPA342 Burr-Brown Op amp features rail-to-rail input/output, 150-μA supply current, 124-dB s00.548.6132 Open-loop gain, and 1-V slew rate; single, dual, and quad versions. \$1.09/100,000 Samples—	OPA342			\$1.09/100,000	Samples—Now