

## COP Micro-Chart

SEM552

COP	32k OTP	Memory		Power Save Modules		Interrupts	WATCHDOG*	Reduced EMI	Clock Monitor	Multi- Input Wak-Up	Timers		Analog On Chip Features		Communication Interfaces		Power- On Reset	Comments	
		ROM	RAM	HALT	IDLE						Timer T0	16-Bit Multifunction Timer	Analog Function Block	Comp-ara- tors	MICROWIRE /PLUS™	USART			
<b>Basic Family</b>																			
820CJ		1k	64	✓		3	✓			✓		1		1		✓		✓	
840CJ	✓	2k	128	✓		3	✓	✓		✓				1		✓		✓	Internal R/C Osc.
880C		4k	128	✓		3						1			✓				
<b>Feature Family</b>																			
884BC		2k	64	✓	✓	12		✓		✓	✓	1		2	✓			✓	
888CL		4k	128	✓	✓	10	✓		✓	✓	✓	2			✓				
888CF		4k	128	✓	✓	10	✓		✓	✓	✓	2			✓				
888EG	✓	8k	256	✓	✓	14	✓		✓	✓	✓	3		2	✓		1		
888GG	✓	16k	512	✓	✓	14	✓	✓	✓	✓	✓	3		2	✓		1		
888EK	✓	8k	256	✓	✓	12	✓	✓	✓	✓	✓	3	✓	1	✓				
8ACC		4k	128	✓	✓	19	✓	✓	✓	✓	✓	1	✓	1	✓				
8SAA		1k*	64	✓	✓	8						1			✓			✓	Internal R/C Osc., *EPROM
8SAB		2k*	128	✓	✓	8	✓	✓	✓	✓	✓	1			✓			✓	*EPROM
8SAC		4k*	128	✓	✓	8	✓	✓	✓	✓	✓	1			✓			✓	*EPROM
8SGE		8k	256	✓	✓	8	✓	✓	✓	✓	✓	3		2	✓			✓	Internal R/C Osc.
8SGR	✓	32k	512	✓	✓	8	✓	✓	✓	✓	✓	3		2	✓			✓	Internal R/C Osc.

SEM492

### COP840

Mftr.	Pins	Description
87L40	NSC 28	8-bit CMOS MCU, 1Kb OTP PROM, 128 bytes RAM, 24 I/O lines - 10MHz.....

Mftrs. List No.	Order Code	Price Each
COP87L40CJN-1N	949-292 †	1+ 10+ 100+
COP87L84BCM-XE	SMD 949-322 †	
COP87L84CFN-XE	949-346 †	
COP87L84CLN-XE	949-360 †	
COP87L84EKM-XE	SMD 949-371 †	
COP87L84EKN-XE	949-383 †	
COP87L88CFN-XE	949-395 †	
COP87L88CLN-XE	949-401 †	
COP87L88EGN	SMD 703-930 †	
COP87L88GGN-XE	949-449 †	

† Available until stocks are exhausted

### COP884

87L84	NSC 28	8-bit CMOS MCU, 2Kb OTP PROM, 64 bytes RAM, 18 I/O lines - 10MHz.....
87L84	NSC 28	8-bit CMOS MCU, 4Kb OTP PROM, 128 bytes RAM, 22 I/O lines - 10MHz.....
87L84	NSC 28	8-bit CMOS MCU, 4Kb OTP PROM, 128 bytes RAM, 24 I/O lines - 10MHz.....
87L84	NSC 28	8-bit CMOS MCU, 8Kb OTP PROM, 256 bytes RAM, 24 I/O lines - 10MHz.....
87L84	NSC 28	8-bit CMOS MCU, 8Kb OTP PROM, 256 bytes RAM, 24 I/O lines - 10MHz.....

### COP888

87L88	NSC 40	8-bit CMOS MCU, 4Kb OTP PROM, 128 bytes RAM, 22 I/O lines - 10MHz.....
87L88	NSC 40	8-bit CMOS MCU, 4Kb OTP PROM, 128 bytes RAM, 33 I/O lines - 10MHz.....
87L88	NSC 40	8-bit CMOS MCU, 8Kb OTP PROM, 256 bytes RAM, 36 I/O lines - 10MHz.....
87L88	NSC 40	8-bit CMOS MCU, 16Kb OTP PROM, 512 bytes RAM, 36 I/O lines - 10MHz.....

Note: suffix 1 = crystal osc, n = brown out disabled, xe = crystal, HALT Enable

### COP8ACC7

Mftr.	Pins	Description
8ACC720	NSC 20	8-bit CMOS MCU, 4Kb OTP PROM, 128 bytes RAM - 10MHz (IND TEMP).....
8ACC728	NSC 28	8-bit CMOS MCU, 4Kb OTP PROM, 128 bytes RAM - 10MHz (IND TEMP).....
8ACC728	NSC 28	8-bit CMOS MCU, 4Kb OTP PROM, 128 bytes RAM - 10MHz (IND TEMP).....
8ACC728	NSC 28	8-bit CMOS MCU, 4Kb OTP PROM, 128 bytes RAM - 10MHz (IND TEMP).....
8ACC728	NSC 28	8-bit CMOS MCU, 4Kb OTP PROM, 128 bytes RAM - 10MHz.....

Note: suffix RE = RC osc., XE = crystal osc.

Mftrs. List No.	Order Code	Price Each
COP8ACC720M8-RE	SMD 950-828	1+ 10+ 100+
COP8ACC728M8-RE	SMD 302-3734	
COP8ACC728M8-XE	SMD 302-3746	
COP8ACC728N8-RE	950-907	
COP8ACC728N9-XE	950-932	

### COP8SAA

Mftr.	Pins	Description
8SAA716	NSC 16	8-bit CMOS MCU, 1Kb OTP PROM, 64 bytes RAM, 12 I/O lines - 10MHz (IND TEMP).....
8SAA716	NSC 16	8-bit CMOS MCU, 1Kb OTP PROM, 64 bytes RAM, 12 I/O lines - 10MHz.....
8SAA716	NSC 16	8-bit CMOS MCU, 1Kb OTP PROM, 64 bytes RAM, 12 I/O lines - 10MHz (IND TEMP).....
8SAA720	NSC 20	8-bit CMOS MCU, 1Kb OTP PROM, 64 bytes RAM, 12 I/O lines - 10MHz.....
8SAA720	NSC 20	8-bit CMOS MCU, 1Kb OTP PROM, 64 bytes RAM, 16 I/O lines - 10MHz (IND TEMP).....
8SAA720	NSC 20	8-bit CMOS MCU, 1Kb OTP PROM, 64 bytes RAM, 16 I/O lines - 10MHz.....
8SAA720	NSC 20	8-bit CMOS MCU, 1Kb OTP PROM, 64 bytes RAM, 16 I/O lines - 10MHz.....
8SAA728	NSC 28	8-bit CMOS MCU, 1Kb OTP PROM, 64 bytes RAM, 24 I/O lines - 10MHz (IND TEMP).....
8SAA728	NSC 28	8-bit CMOS MCU, 1Kb OTP PROM, 64 bytes RAM, 24 I/O lines - 10MHz (IND TEMP).....

### COP8SAB

8SAB720	NSC 20	8-bit CMOS MCU, 2Kb OTP PROM, 128 bytes RAM, 16 I/O lines - 10MHz (IND TEMP).....
8SAB720	NSC 20	8-bit CMOS MCU, 2Kb OTP PROM, 128 bytes RAM, 16 I/O lines - 10MHz (IND TEMP).....
8SAB720	NSC 20	8-bit CMOS MCU, 2Kb OTP PROM, 128 bytes RAM, 24 I/O lines - 10MHz (IND TEMP).....
8SAB728	NSC 28	8-bit CMOS MCU, 2Kb OTP PROM, 128 bytes RAM, 24 I/O lines - 10MHz (IND TEMP).....

Mftrs. List No.	Order Code	Price Each
COP8SAA716M8	SMD 302-3758	1+ 10+ 100+ 250+ 500+
COP8SAA716M9	SMD 949-462	
COP8SAA716N8	302-3760	
COP8SAA720M9	SMD 302-3771	
COP8SAA720N8	949-498 †	
COP8SAA720N9	949-504	
COP8SAA728M8	SMD 949-516	
COP8SAA728N8	949-530	
COP8SAB720M8	SMD 949-553	
COP8SAB720N8	949-577	
COP8SAB720M8	SMD 949-590	
COP8SAB728N8	950-944	

† Available until stocks are exhausted

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