

Microcomputers

■ 8-Bit Single Chip Microcomputers, MN1870 Family (continued)

Category	Type No.	ROM (K Byte)	RAM (×8-bit)	Input/ Output (Lines)	Speed (μs)	Supply Voltage (typ) (V)	Package		Remarks
								No.	
A/D input LCD driver Remote control (transmission/ reception)	MN1871215	12	384	56	0.477 122	4.5 to 5.5 2.7 to 5.5	QFP084-P-1818	L72	
	MN1871610	16	1024	56	0.475 122	4.5 to 5.5 2.7 to 5.5	QFP100-P-1818	L76	
	MN1872410	24	1536	56	0.667 122	4.5 to 5.5 2.7 to 5.5	QFP100-P-1818	L76	
	MN1873210	32	1536	56	0.667 122	4.5 to 5.5 2.7 to 5.5	QFP100-P-1818	L76	
	▲ MN18P73210	32	2048	56	0.667 122	4.5 to 5.5 3.5 to 5.5	QFP100-P-1818	L76	One time version
FLP driver Remote control (Reception)	MN187124	12	384	54	0.477 122	4.5 to 5.5 2.7 to 5.5	SDIP064-P-0750 QFP064-P-1818	L24/L58	
	MN187164	16	512	54	0.477 122	4.5 to 5.5 2.7 to 5.5	SDIP064-P-0750 QFP064-P-1818	L24/L58	
	MN187204	20	640	54	0.477 122	4.5 to 5.5 2.7 to 5.5	SDIP064-P-0750 QFP064-P-1818	L24/L58	
	MN187244	24	768	54	0.477 122	4.5 to 5.5 2.7 to 5.5	SDIP064-P-0750 QFP064-P-1818	L24/L58	
	MN187324	32	960	54	0.477 122	4.5 to 5.5 2.7 to 5.5	SDIP064-P-0750 QFP064-P-1818	L24/L58	
	MN18P7324	32	1024	54	0.475 122	4.5 to 5.5 3.5 to 5.5	SDIP064-P-0750 QFP064-P-1818	L24/L58	One time version
	MN1872457	24	768	57	0.477 122	3.5 to 5.5 2.7 to 5.5	QFH064-P-1414B	L56	
	MN18P73257	32	1024	57	0.477 122	3.5 to 5.5 2.7 to 5.5	QFH064-P-1414B	L56	One time version
Tuning OSD	MN1871631	16	320	30	0.667	4.5 to 5.5	SDIP064-P-0750	L24	12 × 18 dots, 128 kinds 23 × 14 lines
	MN1872432	24	640	30	0.667	4.5 to 5.5	SDIP064-P-0750 QFH080-P-1420	L24/L65	12 × 18 dots, 256 kinds 23 × 14 lines
	MN1874033	40	640	30	0.667	4.5 to 5.5	SDIP064-P-0750	L24	12 × 18 dots, 256 kinds 32 × 14 lines
Caption OSD	MN1871675	16	320	29	0.5	4.5 to 5.5	SDIP064-P-0750	L24	12 × 18 dots, 144 kinds 34 × 8 lines
	MN1873265	32	480	29	0.5	4.5 to 5.5	SDIP064-P-0750	L24	12 × 18 dots, 176 kinds 34 × 9 lines
	MN1874876	48	928	46	0.5	4.5 to 5.5	SDIP064-P-0750	L24	12 × 18 dots, 432 kinds 34 × 16 lines
	MN1876476	64	928	46	0.5	4.5 to 5.5	SDIP064-P-0750	L24	12 × 18 dots, 688 kinds 34 × 16 lines
	MN18P76476	64	928	46	0.5	4.5 to 5.5	SDIP064-P-0750	L24	12 × 18 dots, 688 kinds 34 × 16 lines

■ 8-Bit Single Chip Microcomputers, MN1880 Family

Category	Type No.	ROM (K Byte)	RAM (×8-bit)	Input/ Output (Lines)	Speed (μs)	Supply Voltage (typ) (V)	Package		Remarks
								No.	
General purpose	MN188161	16	640	56	0.5 122	4.5 to 5.5 3.0 to 5.5	SDIP064-P-0750 QFP064-P-1818 QFP064-P-1414	L24 L58/L60	
	MN188321	32	448	56	0.5 122	4.5 to 5.5 3.0 to 5.5	SDIP064-P-0750 QFP064-P-1818 QFP064-P-1414	L24 L58/L60	
	MN18P8321	32	960	56	0.5 122	4.5 to 5.5	SDIP064-P-0750 QFP064-P-1818 QFP064-P-1414	L24 L58/L60	One time version
A/D Input	MN18P888	8	256	45	0.5	4.5 to 5.5	QFH064-P-1212	L55	One time version
A/D input Timer upgraded	MN1882417	24	800	66	0.5 122	4.5 to 5.5 3.5 to 5.5	QFH080-P-1414	L64	A/D input
	MN18P83217	32	928	67	0.5 122	4.5 to 5.5 3.5 to 5.5	QFH080-P-1414	L64	One time version
	MN188166	16	384	69/66	0.5 122	4.5 to 5.5 3.0 to 5.5	QFP084-P-1818 QFH080-P-1414	L72/L64	A/D input
	MN18P8326	32	656	69	0.5	4.5 to 5.5	QFP084-P-1818	L72	One time version
	MN1882010	20	512	66	0.5 122	3.3 to 3.6 3.0 to 3.6	QFH080-P-1212	L63	A/D input

(Package Symbol) QFH = Quad Flat High Package, QFP = Quad Flat Package, SDIP = Shrink Dual-In-line Package