

# Microcomputer Peripheral LSIs

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Category	Type No.	Process	Functions	Supply Voltage (V)	Package	
						No.
FLP driver	MN12510	CMOS	FLP drive control, Key scan control	-30, +5	SDIP042-P-0600 QFP044-P-1010	L22 L50
LCD driver	MN1256	CMOS	8 digits, 7 segments, FEM type liquid crystal display	-5, -2.5	QFP040-P-1010	L46
	MN1258		180 segments driver for dots matrix LCD panel	+5, -20	Chip	-
LCD/CRT interface	MN5502	CMOS	Single chip LCD/PDP/CRT control LSI. Max 720 × 512 dots	+5	QFP124-P-2828	L80
Voltage detector	MN1380	CMOS	Voltage detection (CMOS output type)	+1.5 to +6.0	M type	L26
	MN13801		Voltage detection (N-ch open drain type)	+1.5 to +6.0	M type	L26
	MN13802		Voltage detection (CMOS output inversion type)	+1.5 to +6.0	M type	L26
	MN1381		Voltage detection (CMOS output type)	+1.5 to +6.0	TO-92 type	L28
	MN13811		Voltage detection (N-ch open drain type)	+1.5 to +6.0	TO-92 type	L28
	MN13812		Voltage detection (CMOS output inversion type)	+1.5 to +6.0	TO-92 type	L28
	MN1382		Voltage detection (CMOS output type)	+1.5 to +6.0	Mini 3P	L27
	MN13821		Voltage detection (N-ch open drain type)	+1.5 to +6.0	Mini 3P	L27
	MN13822		Voltage detection (CMOS output inversion type)	+1.5 to +6.0	Mini 3P	L27

## 16-Bit Microprocessor Peripheral LSIs

Category	Type No.	Process	Functions	Package	
					No.
16-bit peripheral	MN12861	CMOS	Clock generator, Timer/Counter, Programmable I/O, Interrupt controller	QFP100-P-1818	L76
	MN12862		Clock generator, Timer/Counter, DMAC, Interrupt controller	QFP100-P-1818	L76
	MN5501		Timer/Counter × 2, Interrupt controller × 2, USART	QFP100-P-1818	L76

(Package Symbol) QFP = Quad Flat Package, SDIP = Shrink Dual-In-Line Package