

Transistor array

Part No.	Number of CHS	Output Max. voltage (V)	Output current (mA)	Input imp. (k Ω)	Input/output type	Input active level	Output current type	Circuit construction	Feature	Package
BA612	5	24	450	25	Invert	H	Sink	Darlington		DIP14
BA614	6	24	100	25	Invert	H	Sink	Darlington		DIP14
BA6256		11	450	25	Invert	H	Sink	Single	With strobe terminal.	DIP16
BA664		27	100	25	Invert	H	Sink	Darlington	Built-in clamp diode.	DIP14
BA13001F		10	320	20	Invert	H	Sink	Single	Built-in diode to absorb surge.	SOP16
BA13002F		10	320	1.6	Invert	H	Sink	Single	With strobe terminal.	SOP16
BA12001	7	50	500	-	Invert	H	Sink	Darlington	Built-in diode to absorb surge.	DIP16
BA12002		50	500	10.5(7VTzDi)	Invert	H	Sink	Darlington		DIP16
BA12003		50	500	2.7	Invert	H	Sink	Darlington		DIP16
BA12004		50	500	10.5	Invert	H	Sink	Darlington		DIP16
BA618		16	100	12	Buffer	H	Source	Darlington		DIP16
BA6250/F		30	30	28	Invert	H	Sink	Darlington		DIP16/SOP18
BA6251/F		30	30	28	Invert	H	Sink	Single		DIP16/SOP16
BA6257		24	100	25	Invert	H	Sink	Darlington	Built-in clamp diode.	DIP16
BA6212	8	7	400	6.6	Buffer	L	Sink	Single	With strobe terminal.	DIP20

Driver

●LCD driver

Part No.	Supply voltage range (V)	LCD drive voltage (V)	Type	No. of outputs	Duty ratio	Data transfer	Data transfer rate (MHz)	Bi-directional Shift register	Package
BU9706KS	3.5~6.5	3~6	STN segment	40		Serial	3.3		SQFP56
New BU9709K/KV	4.5~6.0	4.5~6	With input interface STN segment	40	1/2~1/3	Serial			SQFP64 VQFP64
☆BU9709T	4.5~6.0	4.5~6	With input interface STN segment	40	1/2~1/3	Serial			TAB
New BU9707CH	4.5~5.5	6	STN Segment Expansion Driver	80		4bit parallel	1.0	○	chip
New BU9770K/KV/KSZ	4.5~5.5	3.0~V _{DD}	STN Controller Driver	16×40	1/8,1/11,1/16	4bit parallel or 8bit parallel	2.0	○	QFP-T80 SQFP-80 VQFP-80

Note : 1, ☆: Under development

●Serial in/parallel out driver

Part No.	Power supply (V)	Output current (mA)	Output	Output bits	Strobe pin	Feature	Package
BU2090/F/FS	3~5	20	open drain	12		High voltage (25V) output Output is automatically set to high Z at power-on.	DIP16/SOP16/SSOP-A16
BU2092/F	3~5	20		12		High voltage (25V) output Output is automatically set to high Z at power-on. Output inhibit terminal is provided. Shift register and storage register can be clocked independent of the other.	DIP18/SOP18
BU2114/F	8	36		8		Provided with transparent latch and enable terminals	DIP18/SOP16
BA823/F	8	200	open collector	8	○	Can be connected in series.	DIP16/SOP16
BA829	8	300		8	○	Standby function. Can be connected in series.	DIP18

●Logic with driver

Part No.	Power supply (V)	Function	Feature	Package
BA6266/F	5	6ch inverter	Output withstand voltage 30V. Output current 40mA.	DIP14/SOP14
BA6267/F	5	6ch buffer	Output withstand voltage 18V. Output current 40mA.	DIP14/SOP14
BA634/F	-12	T-F/F with reset	Low current(1mA). Reset pin	SIP5/SOP8