

## Transistor array

Part No.	Number of CHS	Output Max. voltage (V)	Output current (mA)	Input imp. (kΩ)	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/SOP16	
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
<b>New</b> 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
<b>New</b> BU9707CH	4.5~5.5	6	STN Segment Expansion Driver	80		4bit parallel	1.0	○	chip
<b>New</b> BU9770K/KV/KSZ	4.5~5.5	3.0~V <sub>DD</sub>	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