

Operational Amplifiers and Comparators

●Operational Amplifiers

Part No.	Supply voltage (V)	Type	Number of circuits		Synchronous input voltage range (V)	Offset voltage (mV)	Offset current (nA)	Slew rate (V/μS)	Features	Package
			2	4						
BA10324A/AF/AFV	3~32	Low power		○	0~V _{CC} -1.5	2	5	0.2	Ground sense operation	DIP14/SOP14/SSOP-B14
BA10358/F/FV/N	3~32		○		0~V _{CC} -1.5	2	5	0.2	Ground sense operation	DIP8/SOP8/SSOP-B8/SIP8
BA14741/F	±2~±18	Low noise		○	VEE+1.5~V _{CC} -1.5	1	10	1	Phase compensation circuit	DIP14/SOP14
BA4558/F/N	±4~±18		○		VEE+1~V _{CC} -1	0.5	5	1.0	High stability	DIP8/SOP8/SIP8
BA728/F/N	±1.7~±9	High slew rate	○		VEE+1.5~V _{CC} -1.5	2	1	0.7	Low voltage operation	DIP8/SOP8/SIP8
BA15218/F/N	±2~±16		○		VEE+1~V _{CC} -1	0.5	5	2	High slew rate	DIP8/SOP8/SIP8
BA15532/F/N	±3~±20		○		VEE+2~V _{CC} -2	0.5	10	8	High slew rate	DIP8/SOP8/SIP8
BA4510F/FV	±1~±3.5		○		VEE+1~V _{CC} -1	0.5	5	5	Low voltage operation	SOP8/SSOP-B8
BA4560/F/N	±4~±18		○		VEE+1~V _{CC} -1	0.5	5	4	High stability	DIP8/SOP8/SIP8

Note : Offset voltage and current are typical values.

●Voltage Control Operational Amplifier

Part No.	Supply voltage (V)	Type	Number of circuits		Features	Package
			1			
BA6110/FS	±2~±15	Current control type		○	Gain can be controlled by current. Built-in bias diode for decreasing distortion.	SIP9/SSOP-A16

●Operational Amplifier with Output Multiplexer

Part No.	Supply voltage (V)	Function	Number of circuits		Selection switch	Synchronous input voltage range (V) VEE=-15V,V _{CC} =15V	Offset voltage (mV)	Offset current (nA)	Slew rate (V/μS)	Package
			2	3						
BA3129/F	5~32	With output multiplexer	○		2 contacts	VEE+1~V _{CC} -1	0.5	5.0	2.4	DIP14/SOP14
BA3131FS	6~18			○	2 contacts	0~V _{CC} -1	0.5	5.0	2.0	SSOP-A20

●Comparators

Part No.	Supply voltage (V)	Number of circuits		Synchronous input voltage range (V) V _{CC} =5V	Offset voltage (mV)	Offset current (nA)	Low current consumption	Output circuit type	Package
		2	4						
BA10393/F/N	±1~±18	○		0~V _{CC} -1.5	1	5	○	Open collector	DIP8/SOP8/SIP8
BA10339/F/FV	±1.5~±18		○	0~V _{CC} -1.5	2	5	○	Open collector	DIP14/SOP14/SSOP-B14

CR Timer

Part No.	Supply voltage (V)	Features			Package
BA225/F	4~16	Timing ranges from several microseconds to minutes. Two circuits can be configured as a delay timer. Low current consumption. (0.75mA per 1 circuit)	Triggered on rising edge.	DIP8/SOP8	
BA235	4~16			SIP9	
BA226/F	4~16		Triggered on falling edge.	DIP8/SOP8	
BA236	4~16			SIP9	
BU2302/F	1.8~6	Long duration timer whose counting operation is based on oscillation by CR. SET pin : Reset when low ; timer on when high.			DIP8/SOP8
BU2305/F	1.8~6	Long duration timer whose counting operation is based on oscillation by CR. SET pin : timer on when low, built-in chattering prevention circuit.			DIP8/SOP8