

## OPERATIONAL AMPLIFIERS

Function		Type No.	Vcc (V)	Icc/ Circuit (mA) max	Vio (mV) max	SR (V/μs) typ	Topr (°C)	Status		Terminal	Remarks	
								DILP	SOP			
Op-amp	J-FET Input	Single	±18	2.8	15/6	13	-20 - +75	○		8	Low input bias current	
		Dual						○		8		
								○		14		
		Quad						○		14		
	Single	HA17741	±18	5.5	6.0	1.0	-20 - +75	○		8	Standard	
		HA17741PS						○		8		
	Dual	HA17358	+32	2.0	7.0	0.2	-20 - +75	○		8	High gain	
		HA17358F						○	○	8		
		HA17458	±18	5.5	6.0	0.6	-20 - +75	○		8	Standard	
		HA17458F						○	○	8		
		HA17458FP						○	○	8		
		HA17458PS						○		8		
		HA17558						○		8		
		HA17558F						○	○	8		
		HA17558FP	○	○	8							
		HA17558PS	○		8	Standard						
		HA17747	±18	3.7	9.0		1.0	-20 - +75	○		14	
		HA17747P				○				14		
		Quad	HA17904FP	+32	2.0	7.0	0.2	-20 - +75	○	○	8	High gain
			HA17904PS						○		8	
	HA17904FPJ		○						○	8		
	HA17904PSJ		○							8		
	HA17301P		+28						14	—	0.20	
	HA17324	+32	2	7	0.19	-20 - +75	○		14			
	HA17324P						○	○	14			
	HA17324F						○	○	14			
	HA17324FP						○	○	14			
	Quad	HA17474	±20	4	5.0	1.9	-20 - +75	○		14	High speed wide frequency	
HA17474P		○							14			
HA17902		+28	2	8	0.19	-20 - +75	○		14	High gain		
HA17902P							○		14			
HA17902FP							○	○	14			
HA17902PJ							○		14			
HA17902FPJ							○	○	14			
							○		14			

## VOLTAGE COMPARATORS

Function		Type No.	Vcc (V)	Icc/ Circuit (mA) max	Vio (mV) max	Response time(μs) typ	Topr (°C)	Status		Terminal	Remarks
								DILP	SOP		
Voltage Comparators	Dual	HA17393	2 - 36	2.0	5.0	1.3	-20 - +75	○		8	Low off-set voltage
		HA17393F						○	○	8	
		HA17903FP						○		8	
		HA17903PS						○		8	
		HA17903FPJ						○	○	8	
	HA17903PSJ	○		8							
	Quad	HA17339	2 - 36	2.0	7.0	1.3	-20 - +75	○		14	Low off-set voltage
		HA17339F						○	○	14	
		HA17901P						○		14	
		HA17901FP						○	○	14	
HA17901PJ		○							14		
HA17901FPJ	○	○	14								

注) Notes)  
 ○: 量産中      ○: Mass Production  
 ※顧客限定    ※Provided to the limited customers