

Classification	Type No.		Max. Rating				Structure	Connection	Mark
	SMV/SM6	USV/US6	V _R (V)	I _O (mA)	P(mW)*				
					SMV/SM6	USV/US6			
Diode	1SS308	—	80	100	300	200	1SS181 x 2		A1
	1SS309	—	80	100	300	200	1SS184 x 2		A2
	HN1D01F	HN1D01FU	80	100	300	200	1SS181 x 2		A2
	HN1D02F	HN1D02FU	80	100	300	200	1SS184 x 2		A3
	HN1D03F	HN1D03FU	80	100	300	200	1SS181 + 1SS184		A4
	HN2D01F	HN2D01FU	80	80	300	200	General use SW Di x 3		A1
	—	HN2D02FU	80	80	300	200	General use SW Di x 3		A5

*P: Total rating

ANALOG Cell Pack OP-AMPS/Comparators

Package	SMV				SM8			
Function	Comparator	Bipolar Operational Amplifier		C-MOS Operational Amplifier	Comparator	Bipolar Operational Amplifier		C-MOS Operational Amplifier
Model Name	TA75S393F	TA75S01F	TA75S568F	TC75S51F	TA75W393FU	TA75W01FU	TA75W568FU	TC75W51FU
Product Indication	TA	SA	SB	SC	5W393	5W01	5W568	5W51
Features	Single/Dual power supply Open collector output	Single/Dual power supply Unity gain possible	Dual power supply	Single/Dual power supply Low voltage operation Low current consumption Wide dynamic range	Single/Dual power supply Open collector output	Single/Dual power supply Unity gain possible	Dual power supply	Single/Dual power supply Low voltage operation Low current consumption Wide dynamic range
Operating Voltage	2-36V or ±1-±18V	3-12V or ±1.5-±6V	±4-±18V	1.5-7V or ±0.75-±3.5V	2-36V or ±1-±18V	3-12V or ±1.5-±6V	±4-±18V	1.5-7V or ±0.75-±3.5V
Equivalent Products	TA75393 (LM393) (LM2903)	TA75358C (LM358) (LM2904)	TA75558 (4558)		TA75393 (LM393) (LM2903)	TA75358C (LM358) (LM2904)	TA75558 (4558)	
Production State	Under mass production	Under mass production	Under mass production	Under development	Under mass production	Under mass production	Under mass production	Under development
Pin Connection (Top View)								
Type of Package	Emboss taping type TE85L/R (3000 pcs/reel)				Emboss taping type TE12L (3000 pcs/reel)			

Caution: The input pin connections of the SMV type operational amplifier and comparator differ each other. Further, the SM8 type operational amplifier has the same input pin connections.