

NJRC		PKG	P _D	Input Voltage	I _q	
Function	Type					
DROPPER Type IC	Adjustable 3-Terminal Positive Reg	NJM317F	TO-220F	16W	4.25~40V	100μA·max
	Multi Output Voltage Reg	NJM2351D	DIP-16	700mW	±13~±22V	8mA·max
	Shunt Reg IC	NJM431D	DIP-8	700mW	2.6~36V	1mA·min
		NJM431M	DMP-8	300mW	2.6~36V	1mA·min
		NJM431L	TO-92	500mW	2.6~36V	1mA·min
		NJM431U	SOT-89	350mW	2.6~36V	1mA·min
	Precision Voltage Reg	NJM723D	DIP-14	700mW	12~40V	4mA·max
		NJM723M	DMP-14	300mW	12~40V	4mA·max
	Low Drop Out Voltage Reg	NJM2930-05	TO-220F	7.5W *1	6~26V	7mA·max
		NJM2930-05L	TO-92	500mW	6~26V	7mA·max
		NJM2930-08	TO-220F	7.5W *1	9.4~26V	7mA·max
		NJM2930-08L	TO-92	500mW	9.4~26V	7mA·max
		NJM2930-85	TO-220F	7.5W *1	9.95~26V	7mA·max
	NJM2930-85L	TO-92	500mW	9.95~26V	7mA·max	

*1 Case Temperature: T_{case} ≤ 75°C, Thermal Resistance: θ_{ic} = 5°C/W TYP.

NJRC		PKG	P _D	Input Voltage	I _q	
Function	Type					
SW-Reg IC	2 Output Chopper Type	NJM2048D	DIP-14	700mW	9~20V	2.4mA·max
		NJM2048M	DMP-14	300mW	9~20V	2.4mA·max
	2 Output Chopper Type	NJM2049D	DIP-14	700mW	9~20V	2.7mA·max
		NJM2049M	DMP-14	300mW	9~20V	2.7mA·max
	Low Power Chopper Type	NJM2352D	DIP-8	500mW	2.6~24V	550μA·max
		NJM2352M	DMP-8	300mW	2.6~24V	550μA·max
	2 Output High Voltage	NJM2355D	DIP-18	700mW	7.5~50V	8.0mA·max
	DC/DC Converter	NJM2360D	DIP-8	700mW	2.5~40V	3.5mA·max
		NJM2360M	DMP-8	600mW	2.5~40V	3.5mA·max
	Hish Precision type	NJM2360AD	DIP-8	875mW	2.5V~40V	3.5mA·max
	DC/DC Converter	NJM2360AM	DMP-8	700mW *2	2.5V~40V	3.5mA·max
	Current Mode Fly-Back	NJM2362D	DIP-14	700mW	8~20V	18mA·max
	PWM Control	NJM3524D	DIP-16	700mW	8~40V	10mA·max
		NJM3524M	DMP-16	300mW	8~40V	10mA·max

*2 AT ON PC Board

VOLTAGE REGULATORS CROSS REFERENCE

NJRC		Equivalent Products by Other Companies				
Function	Type	N·S	T-I	Sharp		Other
DROPPER Type IC	Adjustable 3-Terminal Positive Voltage Reg	NJM317F	LM317T	LM317AB		LM317T
	Multi Output Voltage Reg	NJM2351D				
	Shunt Reg IC	NJM431D		TL431P		
		NJM431M		TL431PS		μPC1093G
		NJM431L		TL431LP		μPC1093J
		NJM431U				μPC1093T
	Precision Voltage Reg	NJM723	LM723	uA723		
	Low Drop Out Voltage Reg	NJM2930-05	LM2930T-5.0			
		NJM2930L-05				
		NJM2930-08	LM2930T-8.0			
		NJM2930L-08				
		NJM2930-85				
SW-Reg IC	2 Output Chopper Type	NJM2048D/M				
	2 Output Chopper Type	NJM2049D/M				
	Low Power Chopper Type	NJM2352D/M				
	2 Output High Voltage	NJM2355D				
	DC/DC Converter	NJM2360D/M			IR3M03A/AN	MC34063P1/D
	DC/DC Converter	NJM2360AD/M				MC34063AP1/D
	Current Mode Fly-Back Type	NJM2362D/M				
PWM Control Type	NJM3524D/M		SG3524N/NS			TA76524