

GaAs MMIC (Microwave Monolithic IC)

● For Amplifiers

Application	Type No.	NF (dB)	PG (dB)	Measuring Condition			Circuit Configuration	Package	No.
				V _{DD} (V)	I _{DD} (mA)	f(MHz)			
U/V CATV Wide Band Amp. Buffer Amp.	GN1010	2.0	9	3	25	100 to 2000	FET one-stage amp. (with band control pin)	Mini Type (4 pins)	D13
	GN1042	2.2	10	3	40	50 to 800	FET one-stage amp. Low distortion characteristics (IM2)	Mini Type (4 pins)	D13
	GN1044	1.8	19	V _{ds} 3	—	50	FET one-stage amp.	Mini Type (4 pins)	D13

● Laser Driver

Application	Type No.	V _{DD} (V)	I _{DD} (mA)	I _{out} (mA)	P _D (mW)	t _r (ns)	t _f (ns)	Package	No.
GN8062	6	50	145	700	max 7	max 5	DIL-8	D72	

Part Number List

Discrete Devices

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Δ	2SK3030	U	148,149		GN01057B	Mini 6P	155				
Δ	2SK3031	U	148,149		GN01067B	Mini 6P	155				
Δ	2SK3032	U	148,149		GN01068B	Mini 6P	155				
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Δ	2SK3035	U	148,149		GN01073B	S Mini 6P	155				
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Δ	2SK3038	U	148,149		GN01087B	Mini 6P	155				
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Δ	2SK3193	TOP3F	148,150								
	2SK3196	TO220F	148,149								

ΔTentative ▲Under development