

# GaAs PA Module for Mobile Telephone

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### ● Line-up on Destination and Specification

Category			System	Analog			Digital			
Products	Package	No.	Destination	JAPAN	U.S.A.	U.K.	JAPAN			
				NTT/IDO	AMPS	E-TACS	PDC1	PDC2	PHS Portable set	PHS Base Station
	Frequency (MHz)	915 to 942	824 to 849	872 to 905	925 to 958	1429 to 1953	1.9GHz			
PA Module	0.4 cc	D87/D89	V <sub>DD</sub> = 4.6V	—	UN00403	UN00404	—	—	—	—
	0.4 cc	D87/D89	V <sub>DD</sub> = 3.5V	UN00301	UN00303	UN00304	UN0036F	△UN0036H	—	—
	0.3 cc	D90		—	—	—	△UN0037F △UN0038F △UN0039F	—	—	—
	0.2 cc	D91		—	—	—	△UN0134F	△UN0134H	—	—
Power MMIC	SO-10D	D88	4.6V	—	—	—	—	—	—	GN05009N
	SSOF-10D	D84	3.5V	—	—	—	—	—	GN05008N	—

△Tentative

### ● Type No. Characteristics

Type No.	Destination	f (GHz)	P <sub>o</sub> (dBm)	Pin (dBm)	V <sub>DD</sub> (V)	VG (V)	I <sub>DD</sub> (mA)	Package		
								No.		
Analog	UN00403	AMPS	0.8	≥30.7	7	4.6	-3.5	<460	PAM04-2 0.4cc	D89
	UN00404	E-TACS	0.9	≥30.7	7	4.6	-3.5	<460	PAM04-2 0.4cc	D89
	UN00301	NTT/IDO	0.9	≥29.7	7	3.5	-3.2	<500	PAM04-2 0.4cc	D89
	UN00303	AMPS	0.8	≥30.3	7	3.5	-3.5	<620	PAM04-2 0.4cc	D89
	UN00304	E-TACS	0.9	≥30.3	7	3.5	-3.5	<620	PAM04-2 0.4cc	D89
Digital	UN0036F	PDC	940 to MHz	30.5	—	3.5	-2.5	typ 680	PAM04-2 0.4cc	D89
	△UN0036H	PDC	1.5	30.5	—	3.5	-2.5	typ 700	PAM04-2 0.4cc	D89
	△UN0037F	PDC	0.8	30.5	—	3.5	-2.5	typ 800	PAM04-3	D90
	△UN0038F	PDC	925 to 956MHz	30.5	—	3.5	-2.5	typ 665	PAM04-3	D90
	△UN0039F	PDC	940 to 958MHz	30.5	—	3.5	-2.5	typ 665	PAM04-3	D90
	△UN0134F	PDC	925 to 958MHz	30.2	—	3.5	-2.5	<700	PAM02-1	D91
	△UN0134H	PDC	1.5	30.5	—	3.5	-2.5	<770	PAM02-1	D91
	GN05008N	PHS/CT2	1.9	21.5	—	3.5	-2.8	150	SSOF-10D	D84
	GN05009N	PHS base station	1.9	25.5	—	4.8	-3.0	<420	SO-10D	D88

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