

Power Amplifier

REVISIONS				
REV	DESCRIPTION	DATE	DRFT	APPROVED
X1	E0106 INITIAL PROTOTYPE RELEASE	12/10/02	RJL	-
X2	E0252 ADDED PWR INPUT/OUTPUT & OPTIONS	04/01/04	SDM	-
X3	E0277 ADDED PWR INPUT OPTION	06/18/04	TGM	-
X4	ADDED CG - 3.1 - 3.4 GHz FREQ	05/17/07	TG	-
X5	E0924 ADDED FREQ AND POWER BANDS	06/20/08	CWO	-
X6	E1036 ADDED FREQ BAND CJ	09/09/08	RM	-
X7	E1395 ADDED HIGH TEMP OPTION	03/10/10	SDM	-

P A - / - - - - -

TYPE	
PA	POWER AMPLIFIER

VOLTAGE	
1	12 VDC
2*	28 VDC
3*	9 VDC
4*	15 VDC
5	22 VDC

HIGH TEMP OPTION
BLANK - STD TEMP
E - EXTENDED TEMP RANGE (TO 65 DEG C)

BAND	
L2	1.7 - 1.85 GHz
L5	1.43 - 1.54 GHz
S2	1.99 - 2.5 GHz
S3	2.4 - 2.7 GHz
X1	6.4 - 7.2 GHz
P1*	380 - 450 MHz
P2*	440 - 470 MHz
L1*	1.0 - 1.69 GHz
L3*	1.7 - 2.1 GHz
L4*	1.4 - 2.3 GHz
S1*	2.2 - 2.4 GHz
S4*	1.9 - 2.7 GHz
S5*	1.9 - 2.15 GHz
S6*	2.2 - 2.8 GHz
S7*	2.7 - 3.0 GHz
SC	2.3 - 2.7 GHz
C1*	3.1 - 3.6 GHz
C2	4.4 - 5.0 GHz
C3*	5.6 - 5.9 GHz
C4*	3.0 - 3.6 GHz
C5*	4.0 - 4.6 GHz
C6*	4.0 - 6.0 GHz
C7*	5.1 - 5.4 GHz
C8*	5.3 - 5.8 GHz
C9*	4.94 - 4.99 GHz
CG	3.1 - 3.4 GHz
X2*	8.4 - 8.6 GHz
X3*	6.8 - 7.2 GHz
K1*	12.7 - 13.2 GHz
K2*	14.8 - 15.4 GHz
XC	6.425 - 7.125 GHz
CH	3.4 - 3.7 GHz
CJ	5.2 - 5.96 GHz


POWER			
	INPUT		OUTPUT**
A	100mW	C	1W
B	250mW	D*	2W
C*	500mW	E*	3W
D	1W	F*	4W
E*	2W	G*	5W
F*	5W	H*	10W
G	10W	I	12W
H	80μW	K*	20W
J	63μW	L	40W
K	32μW	M	22W
L	100μW	N	25W
M	200μW	P	50W
N	158μW		

RF CONNECTOR	
N*	TYPE "N"
S	SMA

OPTIONS	
1	DC POWER THRU RF CONNECTOR
3	ADJUSTABLE GAIN
4	LINEARIZER
X	NONE

NOTE:

- * Denotes Non-Standard Option
Please Consult Factory.
- ** Output power is the P1dB level

ENG/TECH	Thad Giotta	 GMS Products	DWG TITLE	
DRAWN	RM		MNI, POWER AMPLIFIER (PA) FAMILY	
ENG		SIZE	DATE	DWG NO
PROD		A	09-09-08	100-MNI0007X7
QC		SCALE	NONE	SHEET 1 of 1
				REV X7