

RF Power Modules for Portable Equipment

TYPE NUMBER	APPLICATION	FREQUENCY BAND (MHZ)	SUPPLY VOLTAGE (V)	LOAD POWER (W) MIN.	DRIVE POWER (inW)	POWER GAIN (DB) MIN.	EFFICIENCY (%) MIN. TYP.		PACKAGE	PACKAGE THICKNESS (min)
ANALOG CELLULAR										
BGY115A	AMPS	824–849	6.0	1.2	2	27.8	45	50	SOT321	4
BGY115B	(E) TACS	872–905	6.0	1.2	2	27.8	45	50	SOT321	4
BGY115D	Spread Spectrum	902–928	6.0	1.2	2	27.8	45	50	SOT321	4
BGY118A	AMPS	824–849	4.8	1.2	2	27.8	50	55	SOT321	4
BGY118B	(E)TACS	872–905	4.8	1.2	2	27.8	50	55	SOT321	4
BGY118D	SPREAD SPECTRUM	898–928	4.8	1.2	2	27.8	50	55	SOT321	4
BGY119A	AMPS	824–849	4.8	1.2	2	27.8	50	55	SOT359	3
BGY119B	(E)TACS	872–905	4.8	1.2	2	27.8	50	55	SOT359	3
BGY119D	Spread Spectrum	902–928	4.8	1.2	2	27.8	50	55	SOT359	3
BGY122A	AMPS	824–849	4.8	1.2	2	27.8	50	55	SOT388	2
BGY122B ¹	(E)TACS	872–905	4.8	1.2	2	27.8	50	55	SOT388	2
BGY122D ¹	Spread Spectrum	898–928	4.8	1.2	2	27.8	50	55	SOT388	2
BGY120A	AMPS	824–829	3.6	1.2	2	27.8	50	55	SOT388	2
BGY120B ²	(E)TACS	872–905	3.6	1.2	2	27.8	50	55	SOT388	2
BGY120D ²	Spread Spectrum	898–928	3.6	1.2	2	27.8	50	55	SOT388	2
DIGITAL CELLULAR										
BGY201	GSM	880–915	12.5	14	1	41.5	33	35	SOT278A	7
BGY202	GSM	890–915	6.0	1.4	2	28.5	45	50	SOT321	4
BGY203	GSM	880–915	6.0	3.5	1	35.5	40	–	SOT342	4
BGY205	GSM	880–915	6.0	3.5	2	32.5	–	45	SOT321B	3
BGY204 ¹	GSM	880–915	4.8	3.2	2	32.5	–	45	SOT321B	3
BGY206 ¹	GSM	880–915	4.8	3.0	5	27.8	–	45	SOT308	2
BGY207 ¹	GSM	880–915	4.8	1.2	2	27.8	50	55	SOT359	3
BGY208 ¹	GSM	880–915	6.8	3.5	10	30.7	–	45	SOT388	2

1. Preliminary specification

2. Objective specification