

Characterized for broadband amplifier operation, SGS-THOMSON 2-30 MHz devices provide high linear power output for a variety of military, commercial and amateur communication equipment.

**2-30 MHz CLASS AB LINEAR, COMMON EMITTER, HF/SSB**

PART NUMBER	FREQ. (MHz)	P <sub>OUT</sub> (PEP) MIN (W)	P <sub>IN</sub> (W)	GAIN MIN (dB)	BIAS		R <sub>TH(j-c)</sub> MAX (°C/W)	IMD 2 TONES (dBc)	PACKAGE STYLE
					V <sub>CE</sub> (V)	I <sub>CQ</sub> (mA)			
<a href="#">SD1285*</a>	30	20	0.65	15	12.5	25	2.2	-30	M113
<a href="#">SD1405*</a>	30	75	3.8	13	12.5	100	0.65	-32	M174
<a href="#">SD1487</a>	30	100	7.9	11	12.5	150	0.6	-30	M174
<a href="#">SD1224-10*</a>	30	30	0.5	18	28	25	2.2	-28	M113
<a href="#">SD1407*</a>	30	125	4	15	28	100	0.65	-30	M174
<a href="#">SD1729</a>	30	130	8.2	12	28	150	1.0	-30	M174
<a href="#">SD1730</a>	30	220	14	12	28	150	0.6	-30	M174
<a href="#">SD1411</a>	30	200	5	16	40	150	0.35	-30	M153
<a href="#">SD1733</a>	30	75	3	14	50	—	2.0	-30	M135
<a href="#">SD1726</a>	30	150	6	14	50	100	0.75	-30	M174
<a href="#">SD1727</a>	30	150	6	14	50	100	0.75	-30	M164
<a href="#">SD1731</a>	30	220	11	13	50	150	0.55	-30	M174
<a href="#">SD1728</a>	30	250	10	14	50	150	0.42	-30	M177

\* Tested Class C

P/N CROSS REFERENCE	
INDUSTRY P/N	SD P/N
<a href="#">TH416</a>	<a href="#">SD1729</a>
<a href="#">TH430</a>	<a href="#">SD1728</a>
<a href="#">TH513</a>	<a href="#">SD1733</a>
<a href="#">TH560</a>	<a href="#">SD1730</a>
<a href="#">TH562</a>	<a href="#">SD1731</a>
<a href="#">THA15</a>	<a href="#">SD1726</a>
<a href="#">THX15</a>	<a href="#">SD1727</a>