

A range of 12.5 volt, Class C power devices is offered for FM mobile radio application in the widely-used 450 - 512 MHz band.

**450-512 MHz CLASS C, COMMON EMITTER, FM MOBILE**

PART NUMBER	FREQ. (MHz)	P <sub>OUT</sub> MIN. (W)	P <sub>IN</sub> (W)	GAIN (dB)	V <sub>CC</sub> (V)	R <sub>TH(j-c)</sub> MAX (°C/W)	PACKAGE STYLE
SD1134	470	2	0.20	10.0	12.5	35.0	M122
SD1135	470	5	0.70	8.5	12.5	11.6	M122
SD1433	470	10	2.0	7.0	12.5	3.0	M122
SD1488	470	38	10.0	5.8	12.5	1.5	M111
SD1434	470	45	14.0	5.0	12.5	1.0	M111

**450-512 MHz CLASS AB, COMMON EMITTER**

PART NUMBER	FREQ. (MHz)	P <sub>OUT</sub> MIN. (W)	P <sub>IN</sub> (W)	GAIN (dB)	η <sub>C</sub> MIN (%)	BIAS		R <sub>TH(j-c)</sub> MAX (°C/W)	PACKAGE STYLE
						V <sub>CC</sub> (V)	I <sub>CQ</sub> (mA)		
SD1390	470	1.5	0.075	13.0		24	200	20	M123
SD1391	470	15	1.2	10.8	50	24	50	6.0	M118
SD1393	470	50	6.3	9.0	60	24	150	1.2	M169