

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 _{OUT} MIN. (W)	P _{IN} (W)	GAIN (dB)	V _{CC} (V)	R _{TH(j-c)} 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 _{OUT} MIN. (W)	P _{IN} (W)	GAIN (dB)	η _C MIN (%)	BIAS		R _{TH(j-c)} MAX (°C/W)	PACKAGE STYLE
						V _{CC} (V)	I _{CQ} (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

* Class A