



A group of high efficiency, common-base power devices have been specifically optimized for data link and other telemetry/communications applications in the 1.7 - 2.4 GHz range. Emitter-ballasted, refractory-gold metallized die geometries are employed to ensure excellent long-term reliability.

### 1700-2400 MHz CLASS C, COMMON BASE, TELEMETRY/DATA LINK, TELECOMM

PART NUMBER	FREQ. (GHz)	P <sub>OUT</sub> MIN. (W)	P <sub>IN</sub> (W)	GAIN MIN. (dB)	$\eta_c$ MIN. (%)	V <sub>CC</sub> (V)	R <sub>TH(j-c)</sub> MAX. (°C/W)	PACKAGE STYLE
AM81719-030	1.75-1.85	28	6.0	6.7	40	28	2.6	S036
AM81719-040	1.75-1.85	40	8.0	7.0	43	28	2.4	M228
AM81720-012	1.7-2.0	12	2.2	7.4	40	24	5.5	S036
AM82223-010	2.2-2.3	9.0	2.0	6.5	40	24	4.4	S042