

## Driver Amplifiers

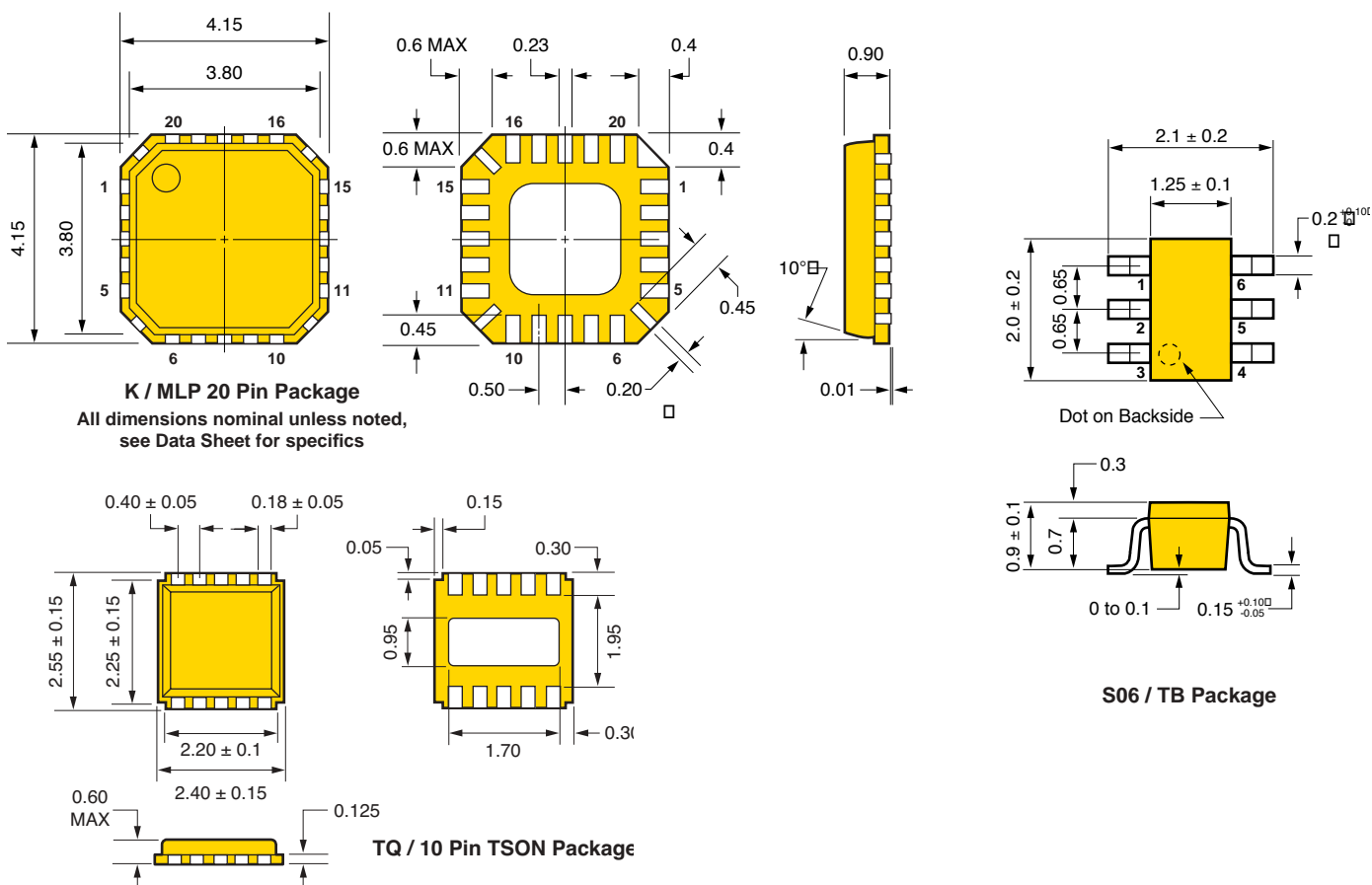
Part Number	ELECTRICAL CHARACTERISTICS (T <sub>A</sub> = 25°C)							Package Number	Package Style
	Frequency Range (MHz)	Test Conditions	Power Gain (dBm)	I <sub>DD</sub> (mA)	ACPR <sub>1</sub> <sup>1</sup> (dBc)	ACPR <sub>2</sub> <sup>1</sup> (dBc)	P <sub>OUT</sub> (dBm)		
UPG2106TB <sup>2</sup>	889 to 960	V <sub>DD1,2</sub> = +3.0V V <sub>AGC</sub> = +2.5 V MAX P <sub>IN</sub> = -18 dBm	30	25	-60	-70	+8	S06 / TB	SOT-363
UPG2110TB <sup>2</sup>	1429 to 1453	V <sub>DD1,2</sub> = +3.0V V <sub>AGC</sub> = +2.5 V MAX P <sub>IN</sub> = -18 dBm	27	25	-60	-70	+8	S06 / TB	SOT-363

Notes:

- π / 4DQPSK modulated signal input, with external input and output matching,  
ACPR<sub>1</sub> = ΔF = ± 50 kHz, ACPR<sub>2</sub> = ΔF = ± 100 kHz

## Power Amplifiers for Handset and Wireless Applications

Part Number	ELECTRICAL CHARACTERISTICS (T <sub>A</sub> = 25°C)				Package	Package Description
	Overall Frequency Range (MHz)	Test Conditions (MHz)	Output Power (dBm)	Power Added Efficiency (%)		
UPG2118K	800 to 2500	f = 1800 MHz P <sub>IN</sub> = +5 dBm V <sub>D</sub> = +3.2V	31.5 MIN	42 MIN	K	20 Pin, 4.15 mm x 4.15 mm x 0.9 mm
UPG2301TQ	2400 to 2500	f = 2450 MHz P <sub>IN</sub> = +4 dBm V <sub>CC</sub> = +3.3V	23 TYP	50 TYP	TQ	10 Pin, 2.40 mm x 2.55 mm x 0.6 mm



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