

HETEROJUNCTION BI-POLAR TRANSISTORS

Part Number (RF Specifications @ 2 GHz)	Freq. Range (MHz)	SS Gain (dB)	Pout @ -1dB (dBm)	OIP3 (dBm)	Noise Figure (dB)	Return Loss		Supply Voltage (VDC)	Ic (mA)	Package
						INPUT (-dB)	OUTPUT (-dB)			
HBT GAIN BLOCKS										
GSA-603-12	0.01 ~ 3500	18	+16	+28	3.8	15	15	+6.0	48	12
GSA-606-12	0.01 ~ 7000	15	+15	+28	4.0	15	15	+6.0	48	12
GSA-612-12	0.01 ~ 12000	12	+12	+27	5.5	15	15	+6.0	48	12

HETEROSTRUCTURE FIELD-EFFECT TRANSISTORS

Part Number (RF Specifications @ 2 GHz)	Freq. Range (MHz)	SS Gain (dB)	Pout @ -1dB (dBm)	OIP3 (dBm)	Noise Figure (dB)	Return Loss		Supply Voltage (VDC)	Ic (mA)	Package
						INPUT (-dB)	OUTPUT (-dB)			
HFET MEDIUM POWER DEVICES										
GSH-904-89	100 ~ 4000	21	+27*	+42*	3.5	15*	15*	+8.0	150	SOT89
GSH-912-12	100 ~ 12000	21	+27*	+42*	3.0	15*	15*	+5.0	95	12

Devices marked with (*) require external matching circuits

Also available in die form as a GSA-xxx-00 or GSH-xxx-00. See Short Form Catalog for performance details.