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BJT FET

BJT FET

Neve 1073 6 가 가 가

BJT

BJT Current Gain(HFE) - (VBE) 가

- **Current Gain(HFE):** BJT Current Gain $\pm 20\%$
- **(VBE):** VBE 가 $\pm 2\%$ $\pm 10\%$

FET

FET BJT (VGS) FET

- : FET $\pm 10\%$ MOSFET $\pm 1\%$

BJT FET

- **BJT:** 가 BJT - (VBE) $2mV/^{\circ}C$ 가 BJT
- **FET:** FET (VGS) (Vth) FET 가 가 가 가 가

SMD vs Through-hole

SMD

Through-hole

- **SMD**

가

가가

- **Through-hole**

가

가

가

가

BJT FET

가

. SMD

가

가

, Through-hole

Reference

- **“Transistor Matching and Effects on Audio Amplifier Performance,”** Journal of Audio Engineering Society.
- **“The Influence of Temperature on Semiconductor Devices,”** IEEE Transactions on Semiconductor Manufacturing.



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