

SS6ISC-T8411E RF Active Device List

PA module

Each PA module uses a single amplification stage (Q1) that is an MRF141G, ISC part number 5033.00039.

Driver Module

The Driver uses two stages of amplification - Q1 an MRF136 and Q2, an MRF173, ISC part numbers 5035.00083 and 5035.00081 respectively.

Exciter RF Amp/VCO

The VCO consists of transistor Q1, an MMBFJ310, ISC part number 5011.00032.

The amplifier circuitry consists of the following stages:

U3, U4, U5, and U6, MSA1105, ISC part number 5031.00025.

U1, RF2360, ISC part number 5750.02030.

10 MHz Reference Oscillator: ISC part number 6624.00002.