


# NSVF4020SG4

## RF

RF MCPH AEC-Q101 PPAP

- Low-noise use : NF = 1.2 dB (typ) [f = 1 GHz]
- High cut-off frequency :  $f_T = 16$  GHz (typ) [VCE = 5 V]
- High gain :  $|S_{21e}|_2 = 17.5$  dB (typ) [f = 1 GHz]
- AEC-Q101 qualified and PPAP capable
- Pb-Free, Halogen Free and RoHS compliance
- MCPH4 package is pin-compatible with SC-82FL
- Realize the clear signal amplification
- Available for high frequency application
- Useful for the reception of the small signal
- Suitable for automotive applications
- Environmental consideration
- Low Noise Amplifier
- Satellite Radios
- ITS with 700 MHz
- FM Radio Antenna
- Remote Keyless Entry System

	Pricing (\$/Unit)	Compliance	Status	Polarity	$I_C$ Continuous (A)	$V_{CE0(sus)}$ Min (V)	$h_{FE}$ Min	$h_{FE}$ Max	$P_{TM}$ Max (W)	$f_T$ Min (MHz)	NF Typ. (dB)	$ S_{21e} _2$ Typ. (dB)	Package Type
NSVF4020SG4T1G	0.1725		Active	NPN	0.15	8	60	150	0.4	13000	1.2	17.5	SC-82FL / MCPH-4