

# Prescaler for TV and VTR purposes

## U 666 B / U 666 BS / GHz prescaler (factor = 256)

|  |       |                |             |                 |
|--|-------|----------------|-------------|-----------------|
| Supply voltage range                     | Pin 8 | Vs             | 4,5 ... 5,5 | V               |
| Supply current                           | Pin 4 | Is             | 42 ... 64   | mA              |
| Input sensitivity                        | Pin 2 |                | 10          | mV              |
| $f_i = 80 \dots 900$ MHz, $R_G = 50$ Ohm |       |                |             |                 |
| Large signal Compatibility               | Pin 2 | V <sub>i</sub> | 300         | mV              |
| Balanced ECL output                      |       |                |             |                 |
| Voltage switching                        |       | V <sub>o</sub> | 1,5         | V <sub>pp</sub> |
| Frequency range                          |       | f <sub>d</sub> | 30 ... 1000 | MHz             |

- U 666 B no oscillating
- U 666 BS self oscillating in case of input signal loss

