

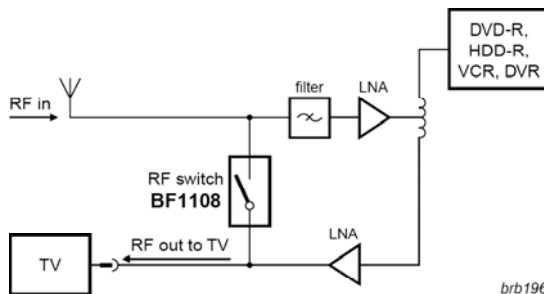
Celebrating 10 years contribution to a greener world

NXP's RF switch BF1108 saved a year spending of energy of more than 1 million households.

Nijmegen, Netherlands, March 17, 2009 – NXP Semiconductors, the independent semiconductor company founded by Philips, celebrates 10 years of contributing to a greener world enabled by the BF1108 RF MOSFET. It is a perfect example of a smart and simple way to save considerable amounts of energy in the home. As antenna signals are typically connected via a recording device (e.g. DVD-R, HDD-R, VCR, or DVR), people tend to leave the recorder switched on, to not lose the TV signal. By using the BF1108 as an RF switch, you can power off the recording device without losing the antenna signal and remain watching TV. And it's not only about energy saving! If people turn their recording device off, it saves on an average \$4 per year. Let's say people use their recording device for 5 years: each recording device equipped with a BF1108 saves \$20 during its lifetime. More than 40 million recording devices worldwide have each saved that \$20 already.

How:

At the moment the recording device is powered on, the BF1108 opens allowing the RF signal to travel to the recording device and then on to the TV tuner. When the recorder is turned off, the BF1108 closes, looping the signal directly to the TV tuner. Reception remains constantly fed to the TV.



Energy saving:

NXP has sold more than 75 million BF1108 devices over 10 years. At the beginning of that time, a recording device in the standby mode consumed on average 50 kWh of power a year. Over time, recording devices have improved on energy consumption, but still use about 10 kWh a year in standby mode alone. Assuming that a recording device lasts for about 5 years, the energy saving total is easily calculated. In total, the BF1108 already saved almost 4,000 GWh, which is the equivalent of the yearly energy consumption of more than 1 million households in Europe. It also saved consumers in total almost \$ 800.000.000 (based on European energy cost prices).

The sales of our BF1108 continue to grow strong, selling 25 million pieces in 2008. The energy saving of these RF types has yet to start!

For more information on the BF1108, check our website: www.nxp.com/pip/bf1108
Order your BF1108 samples today: www.nxp.com/policy/policy.php