The OTG\_FS is a dual-role device (DRD) controller that supports both device and host functions and is fully compliant with the On-The-Go Supplement to the USB 2.0 Specification. It can also be configured as a host-only or device-only controller, fully compliant with the USB 2.0 Specification. In host mode, the OTG\_FS supports full-speed (FS, 12 Mbits/s) and low-speed (LS, 1.5 Mbits/s) transfers whereas in device mode, it only supports full-speed (FS, 12 Mbits/s) transfers. The OTG\_FS supports both HNP and SRP. The only external device required is a charge pump for VBUS in host mode.

The main features can be divided into three categories:

* General
* host-mode
* device mode