

### Step 1:- Download the Image from

sparky\_sd\_gsm\_310117.img

( Download link provided on <https://github.com/sparkysbc/GSM-Gateway/README>)

**Step 2:** To create build setup for dahdi follow Module build procedure.

### Step 3- Download Dahdi and Asterisk

```
cd /usr/src/
```

```
wget http://downloads.asterisk.org/pub/telephony/dahdi-linux-complete/dahdi-linux-complete-2.10.0.1+2.10.0.1.tar.gz
```

```
wget http://downloads.asterisk.org/pub/telephony/asterisk/asterisk-13-current.tar.gz
```

### Note:-

Asterisk version is supported from 1.8 and above

Dahdi version 2.10.0 and above

### Step 3:- Install Dahdi and Asterisk

```
cd /usr/src
```

```
tar xvfz dahdi-linux-complete-2.10.0.1+2.10.0.1.tar.gz
```

```
cd dahdi-linux-complete-*
```

```
make all
```

```
make install
```

```
make config
```

```
cd /usr/src
```

```
tar xvfz asterisk-13-current.tar.gz
```

```
cd asterisk-*
```

```
contrib/scripts/install_prereq install
```

```
./configure
```

```
make menuselect
```

```
make
```

make install

**Step 4:- Download the GSM GATEWAY Files from the Source**

cd /usr/src/

Clone from git source [gsm\\_gateway\\_blue](#)

git clone https://github.com/sparkysbc/GSM-Gateway.git

**Step 5:- Install and configure the gsmgateway**

cd gsm\_gateway\_blue

./install.sh

Follow the below procedure below,

- 1) Install the missing packages (y/n): y
- 2) select source code installation
- 3) select working dahdi source directory
- 4) select the gsm driver from the list  
**“2aCG (2nd Gen) Driver”**
- 5) select working asterisk source
- 6) Install the asterisk configuration files (y/n): y

**Step 6:- generate dahdi configuration**

Add **allo2aCG** in /etc/dahdi/modules

/etc/init.d/dahdi start

dahdi\_genconf

**Step 8:- restart dahdi and asterisk**