



Demo software: GSM\_easy\_dialvoicecall.ino

Generated with "ComLine-Analyser" (hardware) and Docklight (PC software)

## Communication Protocol

(blue: Arduino ---> GSM\_easy-Shield, red: GSM\_easy-Shield ---> Arduino)

AT<CR>

AT<CR>

<CR><LF>

OK<CR><LF>

ATE0<CR>

ATE0<CR>

<CR><LF>

OK<CR><LF>

<CR><LF>

+CFUN: 1<CR><LF>

<CR><LF>

+CPIN: SIM PIN<CR><LF>

AT+CPIN=1357<CR>

<CR><LF>

+CPIN: READY<CR><LF>

<CR><LF>

OK<CR><LF>

AT+IPR=9600<CR>

<CR><LF>

OK<CR><LF>

AT+QIURC=0<CR>

<CR><LF>

OK<CR><LF>

AT+CREG?<CR>



```
<CR><LF>  
+CREG: 0,2<CR><LF>  
<CR><LF>  
OK<CR><LF>
```

```
AT+CREG?<CR>
```

```
<CR><LF>  
+CREG: 0,1<CR><LF>  
<CR><LF>  
OK<CR><LF>
```

```
AT+CREG?<CR>
```

```
<CR><LF>  
+CREG: 0,1<CR><LF>  
<CR><LF>  
OK<CR><LF>
```

```
AT+COLP=1<CR>
```

```
<CR><LF>  
OK<CR><LF>
```

```
ATD +49171234567;<CR>
```

```
<CR><LF>  
+COLP: "+49171234567",145,"",0<CR><LF>  
<CR><LF>  
OK<CR><LF>
```

```
AT+CLCC<CR>
```

```
<CR><LF>  
+CLCC: 1,0,0,0,0,"+49171234567",145,""<CR><LF>  
<CR><LF>  
OK<CR><LF>
```

```
AT+VTS=1<CR>
```

```
<CR><LF>  
OK<CR><LF>
```

```
ATH<CR>
```



<CR><LF>

**OK**<CR><LF>

END OF DEMO