

1, 在 Sensors/build/Sensors.scons 添加:  
env.Append(CPPDEFINES = ["CONFIG\_SUPPORT\_QMAX981"])

2, 在 Sensors/dd/qcom/inc/sns\_dd.h 添加:  
extern sns\_ddf\_driver\_if\_s sns\_dd\_qmax981\_if;

3, 在 adsp\_proc/sensors/ddf/inc/sns\_ddf\_common.h  
typedef enum  
{  
SNS\_DDF\_VENDOR\_BOSCH,  
...  
SNS\_DDF\_VENDOR\_AKM,  
SNS\_DDF\_VENDOR\_QST,  
...  
}sns\_ddf\_vendor\_e;

4, 在 Sensors/common/inc/sns\_reg\_common.h  
添加:  
#define SNS\_REG\_UUID\_QMAX981 \  
{0x71,0x73,0x74,0x78,0x39,0x38,0x31,0x61,0x51,0x53,0x54,0x58,0x39,0x38,0x31,0x41}  
// "qstx981aQATX981A"

Note: 必须与 sensor\_def\_qcomdev.conf 设置的 UUID 保持一致

5, 在 Sensors/smgr/src/sns\_smgr\_reg.c 添加:  
static const smgr\_sensor\_config\_fn\_ptr\_map\_s smgr\_sensor\_fn\_ptr\_map[] = {  
.....  
#ifdef CONFIG\_SUPPORT\_QMAX981  
{ SNS\_REG\_UUID\_QMAX981, & sns\_dd\_qmax981\_if},  
#endif  
.....  
}

6, sensor\_def\_qcomdev.conf 配置  
1903 0x4131383958545351 0x00010001 #UUID\_L  
1902 0x6131383978747371 0x00010001 #UUID\_H  
1904 30000 0x00010001 #off\_to\_idle  
1905 1000 0x00010001 #idle\_to\_ready  
1906 4 0x00010001 #i2c\_bus  
1907 1000 0x00010001 #reg\_group\_id  
1908 0 0x00010001 #cal\_grp\_id  
1909 42 0x00010001 #gpio1  
1910 0xFFFF 0x00010001 #gpio2  
1911 0 0x00010001 #sensor\_id  
1912 0x12 0x00010001 #i2c\_address

1913 1 0x00010001 #data\_type1  
1914 0 0x00010001 #data\_type2  
1915 -1 0x00010001 #rel\_sns\_idx  
1916 1 0x00010001 #sens\_default  
1917 0x00 0x00010001 #flags [0x00:Polling; 0x80:DRI; 0xD0 FIFO DRI]  
1982 0 0x00010001 #device\_select  
1987 0xff 0x00010001 #vdd [0x93: 2.8v; 0x02:1.8v]  
1988 0xff 0x00010001 #vddio [0x93: 2.8v; 0x02: 1.8v]