

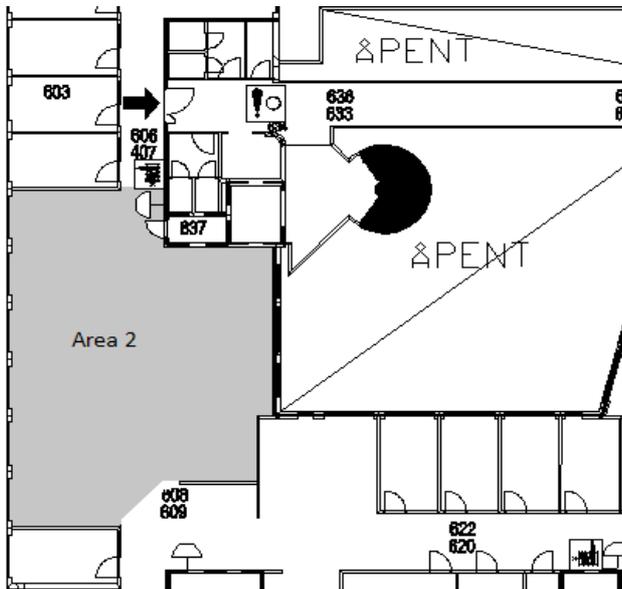
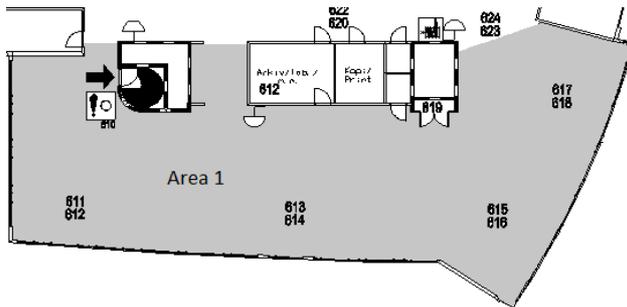
Questionnaire

This questionnaire is part of a master degree study of the acoustical environment in the open plan office at Nordic Semiconductor.

Please mark the boxes which applies to your answer

1. Background:

1.1 Please select the open plan office where your workstation is placed (Area 1 or area 2) :



1.2 Age:

<25 years

25-35 years

35-45 years

45-55 years

>55 years

1.3 In which kind of work environment have you been working in before you started working at Nordic Semiconductor?

- Single office.....
- Sharing office with 2-4 persons
- Open-plan office.....
- None.....
- Others.....

If you have marked «Others», please specify.....

1.4 Do you suffer from any kind of hearing disability?

- Yes No
-

1.5 If you have answered «Yes» on question 1.4, what kind of hearing disability are you suffering from?

- Tinnitus.....
- Hypersensitivity to sound.....
- Others.....

If you have marked «Others», please specify.....

2. Work

2.1 How long have you been an employee at Nordic Semiconductor?

- <1 year 1-5 years 5-10 years 10-15 years >15 years
-

2.2 What level of concentration do you need to perform your work task?

- High degree of concentration Some concentration No concentration
-

2.3 How many hours an average do you work a week?

- <30 hours 30-40 hours 40-50 hours 50-60 hours >60 hours
-

2.4 In which degree do you feel like you have a good social connection with your work colleagues?

Very good Good Neither good nor bad Bad

2.5 In what kind of degree do you feel like your work colleagues help you solving work related problems?

Very helpful Helpful No help at all

2.6 What percentage of your time do you spend solving work related problems in:

Groups.....%
By yourself.....%

2.7 How far is your workstation from colleagues you need to communicate with to perform your work?

<1 meter 1-2meters 2-4meters >4meters

2.8 Do you use the designated offices or the break room (coffee rom) when you need to talk to your colleagues?

Never Rarely Sometimes Quite often All the time

2.9 How often do you talk to your colleagues during working hours in the open plan office?

Never Rarely Sometimes Quite often All the time

2.10 How often do you have work related phonecalls?

Never Rarely Sometimes Quite often All the time

2.11 Do you use the designated offices or the breakroom to talk in the phone?

- Never Rarely Sometimes Quite often All the time

2.12 Where do you eat your lunch?

- Breakroom.....
Canteen.....
Workstation.....
Other place.....

If you have marked «Other place», please specify.....

3. Acoustic environment

3.1 What kind of sounds can you hear during work hours?

3.1.1 Ventilation/air condition:

- Can't hear it at all.....
Can barely hear it.....
Can hear to some degree....
Can hear quite much.....
Can hear very much.....

3.1.2 External traffic noise:

- Can't hear it at all.....
Can barely hear it.....
Can hear to some degree....
Can hear quite much.....
Can hear very much.....

3.1.3 Computer noise:

- Can't hear it at all.....
- Can barely hear it.....
- Can hear to some degree....
- Can hear quite much.....
- Can hear very much.....

3.1.4 Noise from the lightning fixture:

- Can't hear it at all.....
- Can barely hear it.....
- Can hear to some degree....
- Can hear quite much.....
- Can hear very much.....

3.1.5 Vibration or sound of a phone:

- Can't hear it at all.....
- Can barely hear it.....
- Can hear to some degree....
- Can hear quite much.....
- Can hear very much.....

3.1.6 Colleagues talking in the phone:

- Can't hear it at all.....
- Can barely hear it.....
- Can hear to some degree....
- Can hear quite much.....
- Can hear very much.....

3.1.7 Colleagues talking with other colleagues in the open plan office:

- Can't hear it at all.....
- Can barely hear it.....
- Can hear to some degree....
- Can hear quite much.....
- Can hear very much.....

3.1.8 Colleagues talking with other colleagues in the **other** open plan office:

- Can't hear it at all.....
- Can barely hear it.....
- Can hear to some degree....
- Can hear quite much.....
- Can hear very much.....

3.1.9 Noise from the breakroom:

- Can't hear it at all.....
- Can barely hear it.....
- Can hear to some degree....
- Can hear quite much.....
- Can hear very much.....

3.1.10 Noise from footsteps:

- Can't hear it at all.....
- Can barely hear it.....
- Can hear to some degree....
- Can hear quite much.....
- Can hear very much.....

3.2 How do you consider the acoustic environment from a general point of view?

- | | | | | |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Very Good | Good | Neither good nor bad | Bad | Very Bad |
| <input type="checkbox"/> |

3.3 In which degree do the following disturb you during working hours?

3.3.1 Ventilation/air condition

- Not disturbing at all.....
- A bit disturbing.....
- Disturbing to some degree.....
- It's quite disturbing.....
- Very disturbing.....

3.3.2 External traffic noise

- Not disturbing at all.....
- A bit disturbing.....
- Disturbing to some degree.....
- It's quite disturbing.....
- Very disturbing.....

3.3.3 Computer noise

- Not disturbing at all.....
- A bit disturbing.....
- Disturbing to some degree.....
- It's quite disturbing.....
- Very disturbing.....

3.3.4 Noise from the lightning fixture

- Not disturbing at all.....
- A bit disturbing.....
- Disturbing to some degree.....
- It's quite disturbing.....
- Very disturbing.....

3.3.5 Vibration or sound of a phone

- Not disturbing at all.....
- A bit disturbing.....
- Disturbing to some degree.....
- It's quite disturbing.....
- Very disturbing.....

3.3.6 Colleagues talking in the phone

- Not disturbing at all.....
- A bit disturbing.....
- Disturbing to some degree.....
- It's quite disturbing.....
- Very disturbing.....

3.3.7 Colleagues talking with other colleagues in the open plan office

- Not disturbing at all.....
- A bit disturbing.....
- Disturbing to some degree.....
- It's quite disturbing.....
- Very disturbing.....

3.3.8 Colleagues talking with other colleagues in the **other** open plan office

- Not disturbing at all.....
- A bit disturbing.....
- Disturbing to some degree.....
- It's quite disturbing.....
- Very disturbing.....

3.3.9 Noise from the breakroom

- Not disturbing at all.....
- A bit disturbing.....
- Disturbing to some degree.....
- It's quite disturbing.....
- Very disturbing.....

3.3.10 Colleagues walking/passing by in the open plan office

- Not disturbing at all.....
- A bit disturbing.....
- Disturbing to some degree.....
- It's quite disturbing.....
- Very disturbing.....

3.3.11 Noise from footsteps

- Not disturbing at all.....
- A bit disturbing.....
- Disturbing to some degree.....
- It's quite disturbing.....
- Very disturbing.....

3.4 What kind of work related tasks are disturbed by the factors mentioned in the question 3.3?

- None.....
- Phonecalls.....
- Conversations with colleagues.....
- Reading.....
- Computer programming.....
- Troubleshooting during computer programming...
- Others.....

If you have marked «Others», please specify.....

3.5 Are there any sound sources you could turn off or regulate to improve the acoustical environment?

- Yes
- No

If «Yes», please specify.....

3.6 How well is your workstation screened off regarding conversation over telephone?

- Very badly
- Badly
- Neither well nor badly
- Well
- Very well

3.7 To what extent will colleagues' conversation over telephone have a negative impact on the possibility of accomplishing your task?

- Very great
- Great
- To some degree
- Small
- Not at all

3.8 How well is your workstation screened off regarding conversations between colleagues?

- Very badly
- Badly
- Neither well nor badly
- Well
- Very well

3.9 To what extent will conversations between colleagues have a negative impact on the possibility of accomplishing your task?

- Very great
- Great
- To some degree
- Small
- Not at all

3.10 How well is your workstation screened off regarding people passing by?

Very badly	Badly	Neither well nor badly	Well	Very well
<input type="checkbox"/>				

3.11 To what extent will people passing by have a negative impact on the possibility of accomplishing your task?

Very great	Great	To some degree	Small	Not at all
<input type="checkbox"/>				

3.12 Do you use headphones, ear plugs or music to cancel noise at work?

Yes	No
<input type="checkbox"/>	<input type="checkbox"/>

3.13 Are there any rules or has it been given any information about how you should act to avoid disturbing your colleagues?

Yes	No
<input type="checkbox"/>	<input type="checkbox"/>

If «Yes», please specify.....

3.14 Do you have a sensation of disturbing your colleagues when you are:

3.14.1 Talking in the phone

Yes	No	Sometimes
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

3.14.2 Having a conversation with some of your colleagues

Yes	No	Sometimes
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

3.14.3 Walking and passing by their workstations

Yes	No	Sometimes
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

3.15 What do you do to prevent disturbing your colleagues?

- Don't think about it.....
- Turn off the ringtone on the phone.....
- Use soft shoes or slippers.....
- Lower the voice during conversations.....
- Use the breakroom or designated offices for phone calls.....
- Something else.....

If you have marked «Something else», please specify.....

3.16 If you could choose your work environment, would you like to work in a/an:

- Single office
- Sharing office with 2-4 persons.....
- Open-plan office.....
- Other.....

If you have marked «Other», please specify.....

THANK YOU!