



FIT RATE CROSS-REFERENCE TABLE Rev 4.0

Q1' 2013

FOUNDRY FAB

TSMC, Taiwan

PROCESS TECHNOLOGIES

40 nm, 65 nm, 90 nm, 0.13 μ m, 0.18 μ m, 0.25 μ m CMOS

Class	Foundry Source	Process Technology Node	Device Part #
PEX	TSMC	40 nm	PEX87XX - GEN 3
1	TSMC	40 nm	PEX8797-BA80BI G
2	TSMC	40 nm	PEX8796-BA80BI G
3	TSMC	40 nm	PEX8796-AA80BI G
4	TSMC	40 nm	PEX8781-BA80BI G
5	TSMC	40 nm	PEX8780-BA80BI G
6	TSMC	40 nm	PEX8780-AA80BI G
7	TSMC	40 nm	PEX8765-BA80BI G
8	TSMC	40 nm	PEX8764-BA80BI G
9	TSMC	40 nm	PEX8764-AA80BI G
10	TSMC	40 nm	PEX8751-BA80BI G
11	TSMC	40 nm	PEX8750-BA80BI G
12	TSMC	40 nm	PEX8750-AA80BI G
13	TSMC	40 nm	PEX8749-CA80BC G
14	TSMC	40 nm	PEX8749-BA80BC G
15	TSMC	40 nm	PEX8749-AA80BC G
16	TSMC	40 nm	PEX8748-CA80BC G
17	TSMC	40 nm	PEX8748-BA80BC G
18	TSMC	40 nm	PEX8748-AA80BC G
19	TSMC	40 nm	PEX8747-CA80FBC G
20	TSMC	40 nm	PEX8747-CA80BFBC G
21	TSMC	40 nm	PEX8747-CA80BC G
22	TSMC	40 nm	PEX8747-BA80FBC G
23	TSMC	40 nm	PEX8747-BA80BFBC G
24	TSMC	40 nm	PEX8747-BA80BC G
25	TSMC	40 nm	PEX8747-AA80FBC G
26	TSMC	40 nm	PEX8747-AA80BFBC G
27	TSMC	40 nm	PEX8747-AA80BC G
28	TSMC	40 nm	PEX8735-BA80BI G
29	TSMC	40 nm	PEX8734-BA80BI G
30	TSMC	40 nm	PEX8734-AA80BI G
31	TSMC	40 nm	PEX8733-CA80BC G
32	TSMC	40 nm	PEX8733-BA80BC G
33	TSMC	40 nm	PEX8732-CA80BC G
34	TSMC	40 nm	PEX8732-BA80BC G
35	TSMC	40 nm	PEX8732-AA80BC G
36	TSMC	40 nm	PEX8725-CA80BC G
37	TSMC	40 nm	PEX8725-BA80BC G
38	TSMC	40 nm	PEX8724-CA80BC G
39	TSMC	40 nm	PEX8724-BA80BC G
40	TSMC	40 nm	PEX8724-AA80BC G
41	TSMC	40 nm	PEX8719-BA80BI G
42	TSMC	40 nm	PEX8718-BA80BI G
43	TSMC	40 nm	PEX8718-AA80BI G
44	TSMC	40 nm	PEX8717-CA80BC G
45	TSMC	40 nm	PEX8717-BA80BC G
46	TSMC	40 nm	PEX8716-CA80BC G
47	TSMC	40 nm	PEX8716-BA80BC G
48	TSMC	40 nm	PEX8716-AA80BC G
49	TSMC	40 nm	PEX8715-BA80BI G
50	TSMC	40 nm	PEX8714-BA80BI G
51	TSMC	40 nm	PEX8714-AA80BI G
52	TSMC	40 nm	PEX8713-CA80BC G
53	TSMC	40 nm	PEX8713-BA80BC G
54	TSMC	40 nm	PEX8712-CA80BC G
55	TSMC	40 nm	PEX8712-BA80BC G
56	TSMC	40 nm	PEX8712-AA80BC G

Class	Foundry Source	Process Technology Node	Device Part #
NET	TSMC	65 nm	NAS7xxx
1	TSMC	65 nm	NAS7715-AABC F
2	TSMC	65 nm	NAS7820-AABC F
3	TSMC	65 nm	NAS7821-AABC F
4	TSMC	65 nm	NAS7825-AABC F
PEX	TSMC	90 nm	PEX86XX - GEN 2
1	TSMC	90 nm	PEX8619-BA50BI G
2	TSMC	90 nm	PEX8619-BA50BC G
3	TSMC	90 nm	PEX8619-BA50BC
4	TSMC	90 nm	PEX8618-BA50BC G
5	TSMC	90 nm	PEX8618-BA50BC
6	TSMC	90 nm	PEX8617-BA50BI G
7	TSMC	90 nm	PEX8617-BA50BC G
8	TSMC	90 nm	PEX8617-BA50BC
9	TSMC	90 nm	PEX8615-BA50BI G
10	TSMC	90 nm	PEX8615-BA50BC G
11	TSMC	90 nm	PEX8615-BA50BC
12	TSMC	90 nm	PEX8614-BA50BC G
13	TSMC	90 nm	PEX8614-BA50BC
14	TSMC	90 nm	PEX8613-BA50BI G
15	TSMC	90 nm	PEX8613-BA50BC G
16	TSMC	90 nm	PEX8613-BA50BC
17	TSMC	90 nm	PEX8609-BA50BI G
18	TSMC	90 nm	PEX8609-BA50BC G
19	TSMC	90 nm	PEX8609-BA50BC
20	TSMC	90 nm	PEX8608-BA50BC G
21	TSMC	90 nm	PEX8608-BA50BC
22	TSMC	90 nm	PEX8606-BA50BI G
23	TSMC	90 nm	PEX8606-BA50BC G
24	TSMC	90 nm	PEX8606-BA50BC
25	TSMC	90 nm	PEX8604-BA50BI G
26	TSMC	90 nm	PEX8604-BA50BC G
27	TSMC	90 nm	PEX8604-BA50BC
PEX	TSMC	90 nm	PEX86XX - GEN 2
1	TSMC	90 nm	PEX8696-AA50RBC G
2	TSMC	90 nm	PEX8696-AA50RBC F
3	TSMC	90 nm	PEX8696-AA50BC G
4	TSMC	90 nm	PEX8696-AA50BC F
5	TSMC	90 nm	PEX8680-AA50RBC F
6	TSMC	90 nm	PEX8680-AA50BC F
7	TSMC	90 nm	PEX8664-AA50RBC F
8	TSMC	90 nm	PEX8664-AA50BC F
9	TSMC	90 nm	PEX8649-AA50RBC F
10	TSMC	90 nm	PEX8649-AA50BC F
11	TSMC	90 nm	PEX8636-AA50RBC F
12	TSMC	90 nm	PEX8636-AA50BC F
13	TSMC	90 nm	PEX8625-AA50RBC F
14	TSMC	90 nm	PEX8625-AA50BC F

Class	Foundry Source	Process Technology Node	Device Part #
PEX	TSMC	90 nm	PEX86XX - GEN 2
1	TSMC	90 nm	PEX8648-BB50RBI F
2	TSMC	90 nm	PEX8648-BB50RBC F
3	TSMC	90 nm	PEX8648-BB50BI F
4	TSMC	90 nm	PEX8648-BB50BC F
5	TSMC	90 nm	PEX8648-BB50BC
6	TSMC	90 nm	PEX8647-BB50RBC F
7	TSMC	90 nm	PEX8647-BB50BC F
8	TSMC	90 nm	PEX8632-BB50RBI F
9	TSMC	90 nm	PEX8632-BB50RBC F
10	TSMC	90 nm	PEX8632-BB50BI F
11	TSMC	90 nm	PEX8632-BB50BC F
12	TSMC	90 nm	PEX8632-BB50BC
13	TSMC	90 nm	PEX8624-BB50RBI F
14	TSMC	90 nm	PEX8624-BB50RBC F
15	TSMC	90 nm	PEX8624-BB50BI F
16	TSMC	90 nm	PEX8624-BB50BC F
17	TSMC	90 nm	PEX8624-BB50BC
18	TSMC	90 nm	PEX8616-BB50RBC F
19	TSMC	90 nm	PEX8616-BB50BC F
20	TSMC	90 nm	PEX8616-BB50BC
21	TSMC	90 nm	PEX8612-BB50RBC F
22	TSMC	90 nm	PEX8612-BB50BC F
23	TSMC	90 nm	PEX8612-BB50BC
PEX	TSMC	.13 um	PEX85XX - GEN 1
1	TSMC	.13 um	PEX8532-BD25BI
2	TSMC	.13 um	PEX8532-BC25BI G
3	TSMC	.13 um	PEX8532-BC25BI
4	TSMC	.13 um	PEX8524-BD25BI G
5	TSMC	.13 um	PEX8524-BD25BI
6	TSMC	.13 um	PEX8524-BC25VBI G
7	TSMC	.13 um	PEX8524-BC25VBI
8	TSMC	.13 um	PEX8524-BC25BI G
9	TSMC	.13 um	PEX8524-BC25BI
10	TSMC	.13 um	PEX8518-AC25BI LP
11	TSMC	.13 um	PEX8518-AC25BI G
12	TSMC	.13 um	PEX8518-AC25BI
13	TSMC	.13 um	PEX8517-AC25BI G
14	TSMC	.13 um	PEX8517-AC25BI
15	TSMC	.13 um	PEX8516-BD25BI
16	TSMC	.13 um	PEX8516-BB25BI G
17	TSMC	.13 um	PEX8516-BB25BI
18	TSMC	.13 um	PEX8516-BA25BI G
19	TSMC	.13 um	PEX8516-BA25BI
20	TSMC	.13 um	PEX8512-AC25BI G
21	TSMC	.13 um	PEX8512-AC25BI
22	TSMC	.13 um	PEX8508-AC25BI G
23	TSMC	.13 um	PEX8508-AC25BI
PEX	TSMC	.13 um	PEX85XX - GEN 1
1	TSMC	.13 um	PEX8548-AA25BI G
2	TSMC	.13 um	PEX8548-AA25BI
3	TSMC	.13 um	PEX8547-AA25BI G
4	TSMC	.13 um	PEX8533-AA25BI G
5	TSMC	.13 um	PEX8533-AA25BI
6	TSMC	.13 um	PEX8525-AA25BI G
7	TSMC	.13 um	PEX8525-AA25BI
8	TSMC	.13 um	PEX8509-AA25BI G
9	TSMC	.13 um	PEX8509-AA25BI
10	TSMC	.13 um	PEX8505-AA25BI G
11	TSMC	.13 um	PEX8505-AA25BI
PEX	TSMC	.13 um	PEX81XX
1	TSMC	.13 um	PEX8114-BD13BI G
2	TSMC	.13 um	PEX8114-BD13BI
3	TSMC	.13 um	PEX8114-BC13BI G
4	TSMC	.13 um	PEX8114-BC13BI

Class	Foundry Source	Process Technology Node	Device Part #
CON	TSMC	.13 um	OXUF/OXU
1	TSMC	.13 um	OXUFS946DSE-LQCG
2	TSMC	.13 um	OXUFS944SE-LQCG
3	TSMC	.13 um	OXUF943SE-LQCG
4	TSMC	.13 um	OXUF943SE-LQAG
5	TSMC	.13 um	OXU3111-ABNC G
6	TSMC	.13 um	OXU3111-AANC G
7	TSMC	.13 um	OXU3110-ABNC G
8	TSMC	.13 um	OXU3110-AANC G
9	TSMC	.13 um	OXU3102-AANC G
10	TSMC	.13 um	OXU3101-AANC G
11	TSMC	.13 um	OXU3100-AANC G
CON	TSMC	.18 um	PCI6XXX
1	TSMC	.18 um	PCI6540-CB13BI G
2	TSMC	.18 um	PCI6540-CB13BI
3	TSMC	.18 um	PCI6520-CB13BI G
4	TSMC	.18 um	PCI6520-CB13BI
5	TSMC	.18 um	PCI6466-CB66BI G
6	TSMC	.18 um	PCI6466-CB66BI
CON	TSMC	.18 um	OXUF/OXU
1	TSMC	.18 um	OXUF934SSA-LQAG
2	TSMC	.18 um	OXUF934DSB-LQAG
3	TSMC	.18 um	OXUF934DSA-LQAG
4	TSMC	.18 um	OXU931DS-LQAG
CON	TSMC	.25 um	PCI9XXX
1	TSMC	.25 um	PCI9656-BA66BI G
2	TSMC	.25 um	PCI9656-BA66BI
3	TSMC	.25 um	PCI9056-BA66BI G
4	TSMC	.25 um	PCI9056-BA66BI

FOUNDY FAB
EPSON, Japan
RENESAS, Japan

PROCESS TECHNOLOGIES
0.35 um, CMOS
90 nm, 0.15 um CMOS

Class	Foundry Source	Process Technology Node	Device Part #
CON	EPSON	.35 um	PCI9XXX
1	EPSON	.35 um	PCI9054-AC50PI F
2	EPSON	.35 um	PCI9054-AC50BI F
3	EPSON	.35 um	PCI9030-AA60PI F
4	EPSON	.35 um	PCI9030-AA60BI F
PEX	RENESAS	90 nm	USB/PEX
1	RENESAS	90 nm	USB3382-AA50NI G
2	RENESAS	90 nm	USB3380-AA50NI G
3	RENESAS	90 nm	USB2380-AA25NI G
4	RENESAS	90 nm	PEX8605-AA50NI G
5	RENESAS	90 nm	PEX8603-AA50NI G
PEX	RENESAS	90 nm	USB/PEX
1	RENESAS	90 nm	USB3382-AB50NI G
2	RENESAS	90 nm	USB3380-AB50NI G
3	RENESAS	90 nm	USB2380-AB25NI G
4	RENESAS	90 nm	PEX8605-AB50NI G
5	RENESAS	90 nm	PEX8603-AB50NI G
PEX	RENESAS	.15 um	PEX8XXX
1	RENESAS	.15 um	PEX8311-AA66BC F
2	RENESAS	.15 um	PEX8112-AA66FBI F
3	RENESAS	.15 um	PEX8112-AA66BI F
4	RENESAS	.15 um	PEX8112-AA66BI
5	RENESAS	.15 um	PEX8111-BC66FBC F
6	RENESAS	.15 um	PEX8111-BB66FBC F
7	RENESAS	.15 um	PEX8111-BB66FBC
8	RENESAS	.15 um	PEX8111-BB66BC F
9	RENESAS	.15 um	PEX8111-BB66BC

Note: You can view the FIT Rate under "FIT Rate Reliability Monitor"