

Exhibit 4
(Submitted Under Seal)

SUBJECT TO PROTECTIVE ORDER
CONTAINS HIGHLY CONFIDENTIAL – ATTORNEY’S EYES ONLY INFORMATION

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13 Attorneys for SAMSUNG ELECTRONICS
CO., LTD., SAMSUNG ELECTRONICS
14 AMERICA, INC. and SAMSUNG
TELECOMMUNICATIONS AMERICA, LLC
15

16 UNITED STATES DISTRICT COURT

17 NORTHERN DISTRICT OF CALIFORNIA, SAN JOSE DIVISION

18 APPLE INC., a California corporation,
19 Plaintiff,
20 vs.
21 SAMSUNG ELECTRONICS CO., LTD., a
Korean business entity; SAMSUNG
22 ELECTRONICS AMERICA, INC., a New
York corporation; SAMSUNG
23 TELECOMMUNICATIONS AMERICA,
LLC, a Delaware limited liability company,
24 Defendants.
25

CASE NO. 11-cv-01846-LHK

**SAMSUNG’S SECOND SUPPLEMENTAL
OBJECTIONS AND RESPONSES TO
APPLE’S SIXTEENTH SET OF
INTERROGATORIES (NO. 81)**

HIGHLY CONFIDENTIAL –
ATTORNEYS’ EYES ONLY
UNDER THE PROTECTIVE ORDER

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1 already in the possession of Apple, publicly available, or as readily available to Apple as it is to
2 Samsung.

3 24. Samsung objects to each interrogatory to the extent that it seeks information before
4 Samsung is required to disclose such information in accordance with any applicable law, such as
5 the Northern District of California Patent Local Rules.

6 25. Samsung objects to the interrogatories on the grounds and to the extent that they
7 seek legal conclusions or call for expert testimony. Samsung’s responses should not be
8 construed to provide legal conclusions.

9 Subject to and without waiving the foregoing General Statement and General Objections,
10 Samsung responds as follows:

INTERROGATORIES

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14 **INTERROGATORY NO. 1:**

15 Explain in detail the operation of any monitoring circuitry, integrated circuit, chip,
16 controller, or module used to operate the touch screens (including the display and touch sensor
17 panels) and used to respond to touch events for each Product at Issue, with reference to and
18 identification of specific source code and microcode files and functions.

19
20 **SUPPLEMENTAL RESPONSE TO INTERROGATORY NO. 1:**

21 In addition to the General Objections stated above, Samsung objects to this interrogatory
22 as vague and ambiguous. Samsung further objects to this interrogatory to the extent that it seeks
23 to elicit information subject to and protected by the attorney-client privilege, the attorney work-
24 product doctrine, the joint defense privilege, the common interest doctrine, and/or any other
25 applicable privilege or immunity. Samsung further objects to this interrogatory on the grounds
26 and to the extent that it seeks legal conclusions or calls for expert testimony. Samsung will
27 provide such contentions in accordance with the Court’s Minute Order and Case Management
28 order, dated August 25, 2011.

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1 Subject to the foregoing general and specific objections, and following a reasonable
2 investigation, Samsung responds as follows:

Product at Issue	Touchscreen IC Vendor	Touchscreen IC P/N	Touchscreen IC F/W Version	TSP Module Vendor
Acclaim	MELFAS	MCS-6024	N/A	MELFAS
Captivate	ATMEL	mXT224	v1.6aa	SMD
Continuum	ATMEL	mXT224	v1.6aa	SMD
Droid Charge	ATMEL	mXT224	v1.6aa	SMD
Exhibit 4G	ATMEL	mXT224	v1.6aa	Synopex
Epic 4G	ATMEL	mXT224	v1.6aa	SMD
Fascinate	ATMEL	mXT224	v1.6aa	SMD
Gem	MELFAS	MCS-6024	N/A	MELFAS
Galaxy Ace	Cypress	TMA340	N/A	Synopex
Galaxy Prevail	Cypress	TMA340	N/A	S-MAC
Galaxy S (i9000)	ATMEL	mXT224	v1.6aa	SMD
Galaxy S 4G	ATMEL	mXT224	v1.6aa	SMD
Galaxy S II	ATMEL	mXT224	v1.6aa	SMD
Gravity	ATMEL	mXT224	v1.6aa	S-MAC
Indulge	ATMEL	mXT224	v1.6aa	Digitech
Infuse 4G	ATMEL	mXT224	v1.6aa	SMD
Intercept	MELFAS	MCS-6000	N/A	MELFAS
Mesmerize	ATMEL	mXT224	v1.6aa	SMD
Nexus S	ATMEL	mXT224	v1.6aa	SMD
Nexus S 4G	ATMEL	mXT224	v1.6aa	SMD
Replenish	Cypress	TMA340	N/A	S-MAC
Showcase Galaxy S	ATMEL	mXT224	v1.6aa	SMD
Sidekick	ATMEL	mXT224	v1.6aa	ILJIN
Transform	MELFAS	MCS-6000	N/A	MELFAS
Vibrant	ATMEL	mXT224	v1.6aa	SMD
Galaxy Tab 10.1	ATMEL	mXT224	v1.6aa	ILJIN

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1 Samsung further responds that some of the information requested in this interrogatory is
2 outside Samsung’s possession, custody or control. Pursuant to Rule 33(d), Samsung further
3 responds by citing the following documents from which such information may be determined:
4 ATMEL-SAMSUNG00000001-8302; SAMNDCA00298514-SAMNDCA00298644;
5 SAMNDCA00298645-SAMNDCA00298748; SAMNDCA00298749-SAMNDCA00298801;
6 SAMNDCA00298802-SAMNDCA00299039; SAMNDCA00299040-SAMNDCA00299312;
7 SAMNDCA00299313-SAMNDCA00299344; SAMNDCA00299345-SAMNDCA00299425;
8 SAMNDCA00324077-SAMNDCA00324077; SAMNDCA00324078-SAMNDCA00324082;
9 SAMNDCA00324083-SAMNDCA00324087; SAMNDCA00324088-SAMNDCA00324093;
10 SAMNDCA10280557-SAMNDCA10283952; SAMNDCA10765141-SAMNDCA10765619;
11 SAMNDCA10885838-SAMNDCA10924995. Samsung further refers to the transcripts for the
12 depositions of Heon-Seok Lee, Martin Simmons and Samuel Brunet from which the requested
13 information can be determined.

14

15 **SECOND SUPPLEMENTAL RESPONSE TO INTERROGATORY NO. 1:**

16 In addition to the General Objections stated above, Samsung objects to this interrogatory
17 as vague and ambiguous. Samsung further objects to this interrogatory to the extent that it seeks
18 to elicit information subject to and protected by the attorney-client privilege, the attorney work-
19 product doctrine, the joint defense privilege, the common interest doctrine, and/or any other
20 applicable privilege or immunity. Samsung further objects to this interrogatory on the grounds
21 and to the extent that it seeks legal conclusions or calls for expert testimony. Samsung will
22 provide such contentions in accordance with the Court’s Minute Order and Case Management
23 order, dated August 25, 2011.

24 Subject to the foregoing general and specific objections, and following a reasonable
25 investigation, Samsung responds as follows:

26

Product at Issue	Touchscreen IC Vendor	Touchscreen IC P/N	Touchscreen IC F/W Version	TSP Module Vendor
Acclaim	MELFAS	MCS-6024	N/A	MELFAS

27

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1	Captivate	ATMEL	mXT224	v1.6aa	SMD
2	Continuum	ATMEL	mXT224	v1.6aa	SMD
3	Droid Charge	ATMEL	mXT224	v1.6aa	SMD
4	Exhibit 4G	ATMEL	mXT224	v1.6aa	Synopex
5	Epic 4G	ATMEL	mXT224	v1.6aa	SMD
6	Fascinate	ATMEL	mXT224	v1.6aa	SMD
7	Gem	MELFAS	MCS-6024	N/A	MELFAS
8	Galaxy Ace	Cypress	TMA340	N/A	Synopex
9	Galaxy Prevail	Cypress	TMA340	N/A	S-MAC
10	Galaxy S (i9000)	ATMEL	mXT224	v1.6aa	SMD
11	Galaxy S 4G	ATMEL	mXT224	v1.6aa	SMD
12	Galaxy S II	ATMEL	mXT224	v1.6aa	SMD
13	Galaxy S 2 Epic 4G Touch	ATMEL	mXT224	v1.6aa	SMD
14	Galaxy S 2 Skyrocket	ATMEL	mXT224	v1.6aa	SMD
15	Gravity	ATMEL	mXT224	v1.6aa	S-MAC
16	Indulge	ATMEL	mXT224	v1.6aa	Digitech
17	Infuse 4G	ATMEL	mXT224	v1.6aa	SMD
18	Intercept	MELFAS	MCS-6000	N/A	MELFAS
19	Mesmerize	ATMEL	mXT224	v1.6aa	SMD
20	Nexus S	ATMEL	mXT224	v1.6aa	SMD
21	Nexus S 4G	ATMEL	mXT224	v1.6aa	SMD
22	Replenish	Cypress	TMA340	N/A	S-MAC
23	Showcase Galaxy S	ATMEL	mXT224	v1.6aa	SMD
24	Showcase i500	ATMEL	mXT224	v1.6aa	SMD
25	Sidekick	ATMEL	mXT224	v1.6aa	ILJIN
26	Transform	MELFAS	MCS-6000	N/A	MELFAS
27	Vibrant	ATMEL	mXT224	v1.6aa	SMD
28	Galaxy Tab	ATMEL	mXT224	v1.6aa	ILJIN
	Galaxy Tab 10.1	ATMEL	mXT1386	v1.0aa	ILJIN

Samsung further responds that some of the information requested in this interrogatory is outside Samsung’s possession, custody or control. Pursuant to Rule 33(d), Samsung further

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4 SAMNDCA00298802-SAMNDCA00299039; SAMNDCA00299040-SAMNDCA00299312;
5 SAMNDCA00299313-SAMNDCA00299344; SAMNDCA00299345-SAMNDCA00299425;
6 SAMNDCA00324077-SAMNDCA00324077; SAMNDCA00324078-SAMNDCA00324082;
7 SAMNDCA00324083-SAMNDCA00324087; SAMNDCA00324088-SAMNDCA00324093;
8 SAMNDCA10280557-SAMNDCA10283952; SAMNDCA10765141-SAMNDCA10765619;
9 SAMNDCA10885838-SAMNDCA10924995. Samsung further refers to the transcripts for the
10 depositions of Heon-Seok Lee, Martin Simmons and Samuel Brunet from which the requested
11 information can be determined.

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DATED: March 22, 2012

QUINN EMANUEL URQUHART &
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