



(1st Quarter)

(2nd Quarter)

(3rd Quarter)

(4th Quarter)

JANUARY

WK	sun	mon	tue	wed	thu	fri	sat
1					1	2	3
2	4	5	6	7	8	9	10
3	11	12	13	14	15	16	17
4	18	19	20	21	22	23	24

APRIL

WK	sun	mon	tue	wed	thu	fri	sat
14	29	30	31	1	2	3	4
15	5	6	7	8	9	10	11
16	12	13	14	15	16	17	18
17	19	20	21	22	23	24	25

JULY

WK	sun	mon	tue	wed	thu	fri	sat
27	28	29	30	1	2	3	4
28	5	6	7	8	9	10	11
29	12	13	14	15	16	17	18
30	19	20	21	22	23	24	25

OCTOBER

WK	sun	mon	tue	wed	thu	fri	sat
40	27	28	29	30	1	2	3
41	4	5	6	7	8	9	10
42	11	12	13	14	15	16	17
43	18	19	20	21	22	23	24

FEBRUARY

WK	sun	mon	tue	wed	thu	fri	sat
5	25	26	27	28	29	30	31
6	1	2	3	4	5	6	7
7	8	9	10	11	12	13	14
8	15	16	17	18	19	20	21

MAY

WK	sun	mon	tue	wed	thu	fri	sat
18	26	27	28	29	30	1	2
19	3	4	5	6	7	8	9
20	10	11	12	13	14	15	16
21	17	18	19	20	21	22	23

AUGUST

WK	sun	mon	tue	wed	thu	fri	sat
31	26	27	28	29	30	31	1
32	2	3	4	5	6	7	8
33	9	10	11	12	13	14	15
34	16	17	18	19	20	21	22

NOVEMBER

WK	sun	mon	tue	wed	thu	fri	Sat
44	25	26	27	28	29	30	31
45	1	2	3	4	5	6	7
46	8	9	10	11	12	13	14
47	15	16	17	18	19	20	21

MARCH

WK	sun	mon	tue	wed	thu	fri	sat
9	22	23	24	25	26	27	28
10	1	2	3	4	5	6	7
11	8	9	10	11	12	13	14
12	15	16	17	18	19	20	21
13	22	23	24	25	26	27	28

JUNE

WK	sun	mon	tue	wed	thu	fri	sat
22	24	25	26	27	28	29	30
23	31	1	2	3	4	5	6
24	7	8	9	10	11	12	13
25	14	15	16	17	18	19	20
26	21	22	23	24	25	26	27

SEPTEMBER

WK	sun	mon	tue	wed	thu	fri	sat
35	23	24	25	26	27	28	29
36	30	31	1	2	3	4	5
37	6	7	8	9	10	11	12
38	13	14	15	16	17	18	19
39	20	21	22	23	24	25	26

DECEMBER

WK	sun	mon	tue	wed	thu	fri	Sat
48	22	23	24	25	26	27	28
49	29	30	1	2	3	4	5
50	6	7	8	9	10	11	12
51	13	14	15	16	17	18	19
52	20	21	22	23	24	25	26
	27	28	29	30	31		

• IPOH, MALAYSIA PUBLIC HOLIDAYS:-

1	Jan	New Year's Day
1	Feb	Thaipusam
17 & 18	Feb	Chinese New Year
21 & 22	Mar	Hari Raya Puasa
1	May	Labor Day
1	Jun	Agung's Birthday
17	Jun	Awal Muharram

27	Jun	Awal Muharram Hari Raya Haji
31	Aug	National Day (Substitute)
16	Sep	Malaysia Day
8	Oct	Deepavali
6	Nov	Perak Sultan's Birthday
25	Dec	Christmas Day

• CHENGDU, CHINA PUBLIC HOLIDAYS:-

1	Jan	New Year's Day
17, 18 & 19	Feb	Chinese New Year
5	Apr	Ching Ming Festival
1	May	Labor Day

19	Jun	Dragon Boat Festival
25	Sept	Mid-Autumn Festival
1, 2 & 3	Oct	China National Holidays

• UNITED KINGDOM PUBLIC HOLIDAYS:-

1	Jan	New Year's Day
3	Apr	Good Friday
6	Apr	Easter Monday
4	May	May Bank Holiday

25	May	Spring Bank Holidays
31	Aug	Summer Bank Holidays
25	Dec	Christmas Day
26	Dec	Boxing Day

• U.S.A. PUBLIC HOLIDAYS:-

1	Jan	New Year's Day
25	May	Memorial Day
4	Jul	Independence Day

7	Sep	Labor Day
26	Nov	Thanksgiving Day
25	Dec	Christmas Day

**UNISEM GOPENG
(UGP)****UNISEM SIMPANG PULAI / IPOH
(USP)****LEADLESS****ARRAY****LEADED****WAFER BUMP + DPS**

Packages	Total Thickness	With Land Pattern	With Ball I/O	Packages	Lead Counts	Packages	Lead Counts	Wafer Bumping Options	Backend Assembly
SLP 1,2,3,4,5,6	0.25 – 0.90	LGA 1,2,3,4,7,8	BGA 1,2,3,7	SOIC-N ^{1,2,3,4,5} (150mils)	8, 16	QSOP ^{1,5} (150mils)	16	Ball Drop	WLCSP / DPS ⁹
Module SLP 1,2,3,4,6,7	0.90 – 4.00	MEMS		TSSOP ^{1,3,4} (4.4mm)	14, 16, 20, 24, 28	MSOP ^{1,4} (3.0mm)	8, 10	Cu Pillar Bump	Flip Chip
MIS 1,2,3,4,5,6,7,8	0.33 – 0.80	Laminates Substrate	Cu Lead Frame	SOT23 ^{1,2,5}	3, 5, 6	TSOT ^{1,2}	5, 6, 8	Electroplated Solder Bump	
		LGA 1,2,3,4,7,10, 11,12	SLP 1,2,3,4,5,7,12	SC70 ¹	3, 4, 5, 6	SOT563 ²	6	Au Bump	
				SOT583 ²	8				

Legend

1 – Wire Bond Interconnect

4 – Thermally Enhanced (exposed paddle)

7 – System in Package (passive integration)

10 – Metal Lid Attach

2 – Flip Chip Interconnect

5 – Chip on Leads

8 – Electromagnetic Interference Shielding

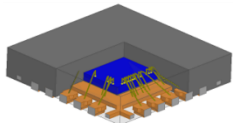
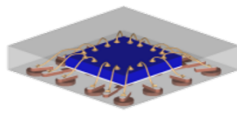
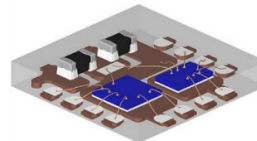
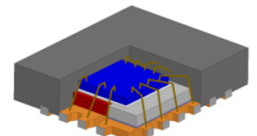
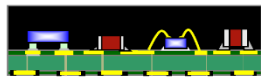
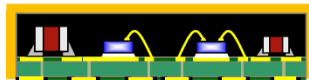
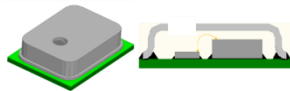
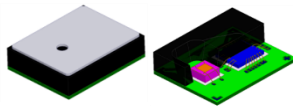
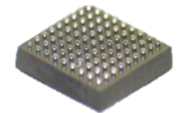
11 – LCP Lid Attach

3 – Stacked Die

6 – Wettable Flanks (automotive)

9 – Back Side Protection

12 – Customized Molding

**SLP****MIS****Module SLP****Stacked Module SLP****Combo WB + FC version SIP****Module LGA with EMI Shield**
Sputtered Ti-Cu-Ti**Module MIS with EMI Shield**
Conformal Shielding**Metal Lid Module LGA****LGA-FL (Top Port)****LGA-MC****SLP-MC (Side by Side)****WLCSP / WLBGA**
With & Without BSP**USA Regional****North America**Regional V. President Business Dev.
Gil Chiu
H/P +1 408 505 5555
gchiu@unisemgroup.com**East Coast**Director East Coast Business Dev.
Arnold Bautista
H/P +1 817 296 6980
abautista@unisemgroup.com**Europe Regional****UK**Senior Business Manager
Alan Evans
H/P +44 7980 987 195
aevans@unisemgroup.comTechnical Program Manager
Phil Packer
H/P +44 7989 744 480
ppacker@unisemgroup.com**Asia Regional Offices :****Ipo Office**No. 1, Persiaran Pulau Jaya 9,
Kawasan Perindustrian Pulau Jaya,
31300 Ipoh Perak Malaysia

V. President Sales/Marketing

Jasmine Liang

H/P +60 16-8195280

Tel +605357 2800

jasmineliang@unisemgroup.com

Gopeng OfficeLot 302285, Jalan Industri 1/1;
Kawasan Perindustrian Gopeng,
31600 Gopeng, Perak

V. President Sales/Marketing

Jasmine Liang

H/P +60 16-8195280

Tel +605357 2878

jasmineliang@unisemgroup.com

China OfficeNo.8-2, Kexin Road,
West Park of Chengdu Hi-Tech Zone,
611731 Sichuan, PRC

Group COO

Kevin Khoo

H/P +8613808094011

kevinkhoo@unisemgroup.com

Singapore Office37 Jln Pemimpin
#04-14
Singapore 577177

Sales/Marketing Manager

JY Loong

H/P +6592320910

jyloong@unisemgroup.com

Taiwan

Director Business Dev.

David Cheng

H/P +886926592218

davidcheng@unisemgroup.com