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1. M206u/<,GNM49k1A:71 A.Ä
 2017H1 6u0 Ä1A:71 A, 1A:71 1
 A, uAEEÄ

2. M20, X B5 GÄf ÖY iNZ7Ä
 B5)GAC M20, 6u/<Ä

3. M206u/<, M206u/<, X ó
 O M206u/<, X EÄ 206u/<g
 EÄ 90%Ä nE 206u/<EÄ 20p
 6u/<Nq r nE 206u/<Gf 8Ä/<üE
 7E KÄÖÄ GÄE 6u1L8L8CNME
 7 E>, hAHÄ

4. M206u/<, NGLEGNL8 M206u/<, X
 7 E CE> 6u, X 20% CE> 271,968,8006uÄ
 271,968,8006uÄ

8 6u/<M20:7A7E KEÖ, 6CÄ
 GÄE 6u1L8NM 6u/<DGEÜ hAHÄ

Ø B5ACGNAC 6uÑG 60

Ä 18fD 7 6uÄC L
 7, 6uÑGÄ DD N9Au 7fDC, 6uÑG EY
 E>38,827,5596uÄ CGNqLAC, 6uÑG 7 Ä CGNq
 CE> 6.50Ä

Ä 2fACGNqCE> 29Ä 29Ä C6uÑGAC
 GNL87 Ä DD N9Au 7Ä CE> 180,253,0386u× M2
 4\$EY 6uÄ 19%Ä

304N7ACGNQF 5Ä 5ÄC6uÑGACGY
N48Y Ä DD Ñ9Au Å ÈE 52,888,2036uÄ

BAEDGfGn7BY H™
2878nÄ

VaM20, N4B5AC<F¼ FÜu/<ÑjK
,YuFKH B5C7ACGNp5uP\$
WKAÑqB5ÄCANq
+2878nÄ

5XB5AC, M20, Xu/<E% 4§CK 36
NEqAB5kD M20, Xu/<Ü6u
/<6uQ@E@6aK, Xu/<hFIDuÑJfÄ

14.28%

M2@

6A

8(6b)Gv1>, X4

NKA8V 1> M

9; @BüKX

ANX8V M2@6u/<; M

8GfiC5G M2@6u/<; M, NL = Q@

hG>; NL = nZ> 9 1 b@

9A

10 M2@6u/<

,GNMî

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38KS+Æ6uÀ@

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SCS	☐	☐	
SCK	☐	☐	STATS ChipPAC Korea L
SCC	☐	☐	
JSCC	☐	☐	
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18V	56
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2014H 6N6DYÑÑCÑE4UÊ
 AT/PHÇANGLIYG;
 BÑÑVÑG4PÑÑLŠ
 äCÄAuE8N8V474LÑ(4QÄM CSPÄ{
 ÇÄM WLPÄÄ TSVÄDIEÇÄD,Ñ
 ÄUÄ0ÑÇGÈÑCÄÑÈ
 EEÄÄ 2015H 5N6DYÑÑ 2025ÑŠ
 ÇÄÄ 3DÄ>TÄPÄOY%ÑÄ 2016
 H 3ÄÄIÄHÄUÊ
 ÄEED

ÑÑÄ CÄE6KSBN
 > #AuE3/4 2009H7Ç 2016HÑÄ CÄÄ 1,109f
 KS7Ç,335.5EÄIKS)[E' 21.50%Ä<)Ö
 rEÄ EF+ÑÄ CÄ,ÑÄÈ 2016
 HLÄ CÄ(V),r,KSÄÄAu44ÄE6KSÖ
 Nq 1,3244.13ÄKS 24.1%EÄÄÄ{
 ,Ñ 2016HÄE6KSÄKS 2600%ÄÑq

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2016/2017

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18/18/ĐK-ĐT/ĐH

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VAM20, M4 B5AC < FEA / < NqK
, YuFKM B5 CGND S D S
MCA M B5 M CA N q
+ M n A

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6u M M B5 k, M / < L M E O C
M A q u / < M
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NEOG4NNc < F19NM, A

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NM, A	iCGNq	19LECGNq
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E A (- 6 (5 % L a C A O N M, A	235,000	140,000
SEJE C!	115,000	108,000

	523,492	405,000

A 6(6
 B5 9.54% f
 14.28% 8
 M2 6u/<, X 6(6
 A: 71 A, A: 71 A, 1A: 7
 1 1 A, A, G A
 ZG6(XA>< 6(: 7FS>< E
 +M2G6(: 7>< E A
 M2 6, GA, 4 6(6u AS>< A
 A D
 PC 2017H 12Ü 31 6 Nq 1,359,844,0036u J E D
 14.28% BL 6u
 13.57% 6 9.54% A B
 6u 6u E Wy H K E |
 G2 6u 12 (AY E BL A
 G f 6u A
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 M2 6u D B C B 5 A C G N D G 4 n # k E
 6 6u C E 19% 6 u f
 6u 14.28% BL 6u U

11.31%

Wy

6u

1uFKM

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2017H

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2017H 10Ü 17

2017H 1

2018H 1Ü 31

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2018H 3Ü 13

1A:71

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	4,322.49
	24,657.91
	28,980.40
	6,471,244.50
	2016
	20,488.70
	195,254.05
	214,839.82
	213,085.33

2017 HBüpa

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Ö, KÄ 4G, A A 5Ä

Ä M2 5G

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9.54% ÄÄ M2

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M2 5G

Ä M2 NNI!

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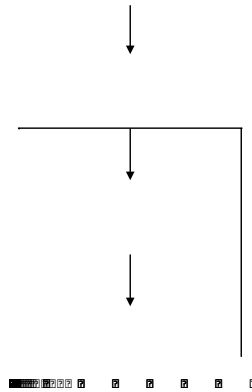
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6 u / < - Ö SM 1000 € NZ, Ka C 10

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☐ 2017 H 12 Ü 31 01/2017

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	15.06%
	7.48%

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	10.51
	-4,609.49
	-4,590.24
	-4,590.24

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14.28% ÈAC M2@

6u/<,X

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JGWHC1u)M0	BEŽ	100	0.02%

		1,000	0.10%
		133,000	13.29%
		267,000	26.67%
		600,000	59.94%
		1,001,00	100%

2015 H 9 Ü 38€
 50 38€
 2015 38€ 11-9 38€ NM, 38€
 4 38€ 38€
 4 38€ 38€

2013 H 11 Ü 38€ 38€ 38€
 38€ 38€ 38€
 38€ 38€ 38€
 38€ 38€ 38€

38€ 38€ 38€
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2017 H 9 Ü 30 38€ 38€ 38€
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 38€ 38€ 38€

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2	38€-6 38€ 38€	38€ 38€



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8/10

8/10

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12/20

24/24

1/1

24/24

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2017 H 9 Ü 28 8R5FZE8KS+/Y6uM@

M2@6u/<L5@ÑC#E

2018 H 1 Ü 31 4R5FZE

8KS+/Y6uM2@6u/<L5@ÑC#>9#

AÊ× 2018 H 3 Ü 13 4R5FZE8KS+/Y6uM2@6u

/<L5@ÑC#>9#A

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M2@,X HË

20 6u/<Ë

,X 90% HË

20 6u/<Ë

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20 6u

/<Nq /nË

20 6 6u/<GÄ

8+6u/<nË KËEÄÖÄËE@

r6u1L8ÄC> M2@,X HË

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P@E

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DHËÖE@

D NÄHY È

P1@

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P1=P0-DEÖE@

6uâ P1=P0/Ä 1+NÄMË> í

P1=Ä P0-DÄ /Ä 1ÄM

2ÄCDGÄCä

ACÖGÄC M2@,X 6u/<Ä

8M20, XCGNCE

29 Ä

29

-ACGN304\$EÖ,X

6uNE

19%ÖAS

8M20rLY 6u/<Y DBY E

40.50 È

-rL, XCGNq M20 rLLCGNqL88fD

ÄACGNqIX

85.2941%Ä-ACGNq

M20rLLCGNqL88fÄACGNq¼

IX 1 29:34M20rLY 6u/<Y DBY E

>40.50 ÄYACGNqAC86u/<Y D6u

ÄCAÊ 2.4 54nE> AHÄYÄnTBnrL,X

ACGNqYÄACGNqEAC

GNM204\$EÖ,XÄCE

Öu 19%LÄ

-AC, X 6u/<DGACGNq,8Y 6u/<,LY E

CE> 180,253,038 6uÄ6uNÖAS

+• 6u/<Y DY

6uÄCAÊ 2.4 54nE> AHÄAC6uNGBÄÄÄ

8M20, XCGNq, u1BY

ÄÄÄ1

4.2.2 54n, ÄÄÄ-Xx

CGNq, NO+LCGNqÄHNM> 1R5F>9ÄÄ

EÖLY EÄACB5Y6uö

AEE, X ACÄACY 6u/<DM20 rLLC

GNq, Yu, XGNqACGNqöuP

L, X NY 6u/<, XCE

4.2.2 54Ä

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2017 H 9 Ü 28 8#DR5FZE8KS+/Y6uN@

M2@6u/<L5@uNCA#E

2018 H 1 Ü 31 4R5FZ

E8KS+/Y6uN@M2@6u/<L5@uNCA#>9

#APVÖ

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ÄCEDGÄC!U5!

1ÄCE

M2@,X E

20 6u/<E

,X 90% E

20 6u/<E

=nE

20 6u

/<Nq /nE

20 6u/<GÄ

8+6u/<nE KE EÖÄE @

r6u1L8AC> M2@,X N, P

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D NÄHY E

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/)Gvâ

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â P1=P0/Ä 1+nME> í

P1=Ä P0-DÄ /Ä IÄM

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AC+•LY, KuNGöuNGDÖAÈÅ

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,KuÄAC, KuNGCE>

38,827,559 6ÄCDÖÄS

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81AC M2@6u/<,ACDGFb-AC6uÑGfK\$
 38,827,559 6uM2@6u/<,ACGNq 38,827,559 6u,¥
 > Ǻ

V+6u/<M2@:7A7E KÈŌ6CǺ
 @CGŷu1L8>E•M2@,ŷu/<DGE\$HÈ
 íACDGE\$,ĪAHĒ'AHĒŌ

A+6uEŌ6uǺ@EŌ6u,ŷuD NĒACD
 G-E\$HĀ 1+NĀ 38,827,559 6uǺu1k7DÈÑ9AĀ

8M2@,KCGNŷu1B¥
 ŷu1BLCGNĀH•



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 #4n, 2006D*6u
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 4m, 4GNQE4C(SGÁ

4u 4C# 4# 4E 4M 42 46u/<,X
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Ý Á GNZ7 4 4R5F, 45 4u 4C# 4# 4# 4# 4#
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2017 H 9 Ü 28 4GNZ7 4R5FZE8KS+/ 46u 4M 4
 M2 46u/<L5 4u 4C# 4E 4 2018 H 1 Ü 31 4R5FZE
 8KS+/ 46u 4M 42 46u/<L5 4u 4C# 4E 4# 4#
 AÊ × 2018 H 3 Ü 13 4R5FZE8KS+/ 46u 4M 42 46u
 /<L5 4u 4C# 4E 4# 4E 4 4P 4V 4Ö

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4C 4E 4D 4G 4A 4C 4U 4!

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M2 6u/<X

90% 20 20 =n 20

Nq /n 20 <G

8+6u/<n K E O A @

r6u1L8C> M2 X H A H H

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AAHY Ě P G /)G D H E O E @

D N A H Y Ě P1 D /)G v â P1=P0-DE O E @

6uâ P1=P0/Ä 1+ N M E > í P1=Ä P0-DÄ /Ä 1Ä M

2ÃĈDGÃĈă

AC G AC M2 6u/<Ä

-ACDGÖ - M2 X C G N Q E > 5 5

E C X 6u/<DG A C G N Q 8 6u/<, X Y Ě

E E > 52,888,203 6uÄ

-SAÄĈ, M2 6u/<, E G C A C G N Q E > 5

M + Y : B A X A C 6u D A C G N q

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8 M2 X C G N Q u 18 Y

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#A4n,2000D*6u

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üÄNC#Ä9#ÄM206u/<,Xc

/BÈ,55Ä/<

ACÈ4E!É

,NÈCGNÈN920M20ç

KÄKÈE4BÖ

L84sDÈü/<ACÈ4E!EQx

LCN54ÄCGN7ü/<ACÈ4E!EQxPCKE

ÖOâh5pNçEFCÈ>

15 ð

5üÄNC#Än,XCGNÄCÈÈF6

15 ð;KCKËh5pNçX

1%,K4G¥

ÖCÄ44+•

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7.1.3.1.1

405,000 VNĐ
 EOG4NNc<F19B NM,Ô

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NM,Â	iCGNq	19LCGGY Nq
H{ 20 4EPLăCăONM,Â	173,492	157,000
EA(=6(5%LăCăONM,Â	235,000	140,000
SEJÊ C!	115,000	108,000
Ëu	523,492	405,000

iM20LCCGËNM,ÂÔ714MCGY

i9LCGGYB6ăNM,Â

BNM,ÂLËNM,ÂKCGY9NNcGNÊ> EÔKÄ

LCCGË7L8Y CăNLCCGNôLCCGY9GY

NÊFËE714MCGY Ä

ĂM,ÂC

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ăMăă

VËN ă

9Băăă

7%2009 H9ăăăKSİÇ 2016 Hăăăăă

Jô 1,109 ‘KS7Ç 4,335.5 ‘KËMăKS)[E’

21.50%ĂÊ+ăăăăă

10Ê 2016 HăăăăăV),r,KSă

ĂAu44ôErKSËNq 1,644.3 ăKS 24.1%Êô

ăăăăă 2016 HăăăăăKSăKS

25.1%İôq 1,126.9 ăMăôq 1,564.3 ăKS 13%Ă

2017 H 1-6 2,201.3 19.1%
 21.1% 830.1 25.6%
 571.2 800.1 13.2%

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 (4) M CSP (4) WLP A A TSV
 > I E O A D , K A

6D N 2025 3D A
 4 > T D A O X % N A
 E A N I H A
 o E E D H N Z E M , K S A

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40% A 2010 H 9 N A C A > A O H , X
 r K S) [P b 6 % E 2014 H 9 H r K S) (E E > 10 % B N i
 # A u E 2012 H C K N A C O M O P U C E Y 1,000 “
 E 2016 H E ' 1,564.3 A

P h a C O N C Q , X I N G E O E

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ĐỀ MỤC

PHÂN CẤP

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ES+EN ~~Ö~~ CQ ~~Ö~~ G2K8NM

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)[(63.12% 73.83% 77.55% 70.12% 60 60

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6u/<-Ö	60	60 2017 H 9 Ü 30 ¹	60 2016 H 12 Ü 31 ¹	60 2015 H 12 Ü 31 ¹	60 2014 H 12 Ü 31 ¹
002185.SZ	60	33.49%	28.29%	25.22%	39.28%
002156.SZ	60	46.94%	45.18%	42.56%	40.22%
603005.SH	60	15.13%	13.47%	17.55%	23.25%
G		31.85%	28.98%	28.44%	34.25%
600584.SH	KS+60	70.12%	77.55%	73.83%	63.12%

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60 60 60 2017 H 9 Ü 30¹ 60 #

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6u/<-Ö	60	60 2017 H 9 Ü 30 ¹	60 2016 H 12 Ü 31 ¹	60 2015 H 12 Ü 31 ¹	60 2014 H 12 Ü 31 ¹
002185.SZ	60	1.36	1.73	3.00	1.26
002156.SZ	60	1.18	1.19	1.88	1.13
603005.SH	60	3.96	4.31	2.92	2.88

		2017	2016	2015	2014
		9 30	12 31	12 31	12 31
		2.17	2.41	2.60	1.76
600584.SH		0.86	0.68	0.66	0.86

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M201CGFUSSEJE GLE

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96,429.98 Û

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M201CGFUSSEJE GLE@

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7.1.1.12

7.1.1.13 1,359,844,003

7.1.1.14 14.28%

7.1.1.15 13.57% **7.1.1.16** 9.54%

7.1.1.17 271,968,800

7.1.1.18 271,968,800

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7.1.1.24

7.1.1.25

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Han Byung Joon

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190EM, E/E, a Bn2 N

NM, AELCGD LKS- A n

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ĐỀ CƯƠNG CHUNG
CƠ SỞ LÝ THUYẾT
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KẾ HOẠCH

1. KHÁI NIỆM

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№№	-0.199	-0.135	-0.133	0.002
№ 3№ 2017 №				10%
№ №	10,633.44	11,696.79	11,696.79	-
№ №	-20,588.30	-18,529.46	-18,529.46	-
№ №	2.44%	1.61%	1.54%	-0.07%
№№	0.103	0.077	0.076	-0.001
№№	0.103	0.077	0.076	-0.001
№ №	-4.73%	-2.55%	-2.43%	0.11%
№№	-0.199	-0.122	-0.120	0.002
№№	-0.199	-0.122	-0.120	0.002

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WLCSPA Copper Pillar Bumping SiPA Fan-out

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FCCSP+POP+SiP, 5Vnb

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JUTM Ä Fan-out WLP, LV

JSCC 100W

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Bumping G+100W

FC 100W

+P0Ä Wirebond (M8FKS+E6.&

Bumping ` WLCSP, 100W

bPE Wirebond+SIP 100W

+FC/QFN/RF/COL, 5Vnb

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2017 H1 600 AEi

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