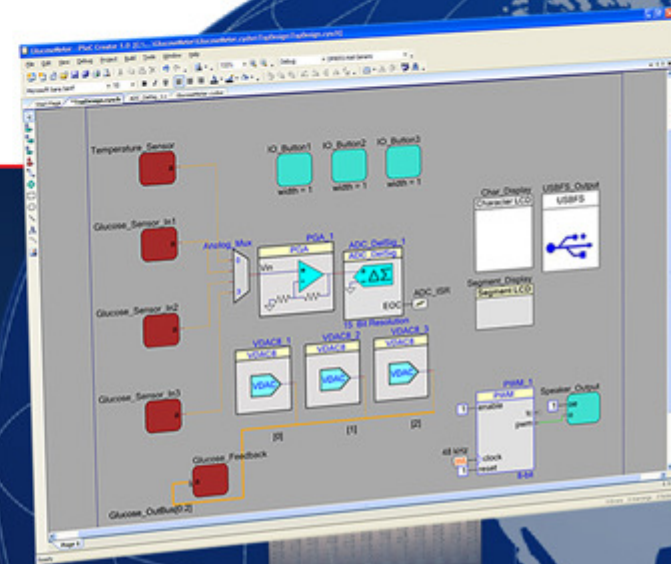


# CYPRESS MARKING FORMAT

## Note:

The diagrams are provided for illustrative purposes only. Please note that the actual marking format may vary depending on package size, type and pin count. Should you have any other concerns and questions, feel free to contact your local CY sales representative. Markings for costumed parts CS/CG, acquired and buy-in parts are not included on this document.

The diagrams below is based on the latest Cypress Marking Spec 37-00001 Rev.. HZ.



# LEGEND

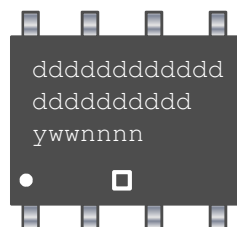


Character	Meaning	Remarks
b	Blank Space	
d	Marketing Part Number	
lll	CYP	ll = CY llllllll = CYPRESS
ff	Fab Location	
rr	Backend Part Revision	
yyww	Date Code	yy = last two digit of the year ww = Workweek
nnnnnn	Mark Lot Number	nnnnnn = First and last five digits of Mark Lot Number nnnn = last four digit of Mark Lot Number
xxx	Country of Origin	xxxx = COO with "." at the end Ex. PHI.
C	Copper Wire Part	

# SOIC 8



## Using Gold (Au) Wire

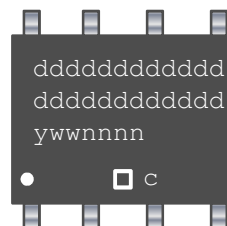


1<sup>st</sup> line (12 characters) is the marketing part number

2<sup>nd</sup> line (10 characters) is the rest of the marketing part number

3<sup>rd</sup> line (7 characters) is the date code and lot code.

## Using Copper (Cu) Wire



1<sup>st</sup> line (12 characters) is the marketing part number

2<sup>nd</sup> line (10 characters) is the rest of the marketing part number

3<sup>rd</sup> line (7 characters) is the date code and lot code.

The 'C' beside the square mark (Pb-Free mark) denotes the use of copper wire.

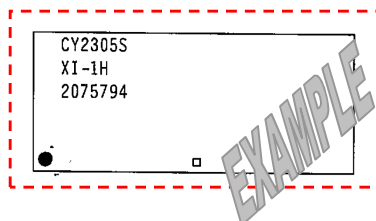
### Example:

Part Number: CY2305SXI-1H

Line 1: CY2305S

Line 2: XI-1H

Line 3: 2075794



### Note:

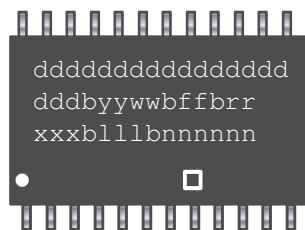
1. First line to mark the marketing part number before the first S character.
2. 2nd line the rest of the marketing part number.
3. 3rd line ywwnnnn where y= last digit of the year ww= work week nnnn= last four digits of the lot number.
4. If the marketing part number has more than 7 characters before the S than the first 7 characters will print on line 1 with the remaining 7 characters wrapping to line 2.

Reference: 37-00001, Figure 45

# SOIC 14 and SOIC 16



## Using Gold (Au) Wire



1<sup>st</sup> line (16 characters) is the marketing part number

2<sup>nd</sup> line (14 characters) is the date code, fab site and backend revision

3<sup>rd</sup> line is the COO, 'CYP' and lot code.

## Using Copper (Cu) Wire



1<sup>st</sup> line (16 characters) is the marketing part number

2<sup>nd</sup> line (14 characters) is the date code, fab site and backend revision

3<sup>rd</sup> line is the COO, 'CYP' and lot code.

The 'C' beside the square mark (Pb-Free mark) denotes the use of copper wire.

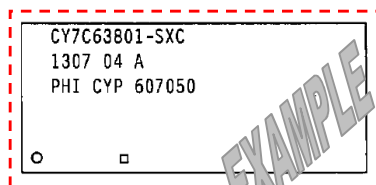
### Example:

Part Number: CY7C63801-SXC

Line 1: CY7C63801-SXC

Line 2: 1307 04 A

Line 3: PHI CYP 607050



### Note:

1. If Mkt. PN on line 2 contains  $\leq 5$  char, move yyww to the second line after the Mkt. PN separated with a blank then wrap the rrff to the left
2. If BE Part Rev has only one character, use rbff format instead of rrff
3. For Non-MIA devices, mark last four digits of the assembly lot number (nnnn) beside the pin 1 indicator.

Reference: 37-00001, Figure 45

# SOIC 16 to SOIC 18

## Using Gold (Au) Wire



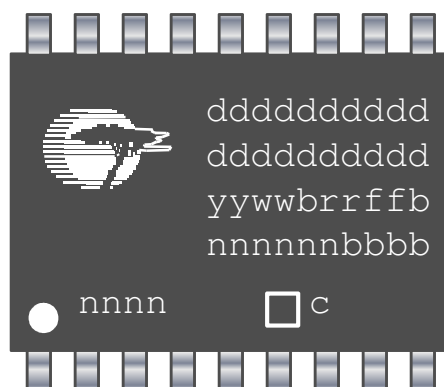
Lines 1 – 4: 10 characters per line  
Line 5: 4 characters

1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number. If Mkt. PN on line 2 contains ≤5 char, move yyww to the second line after the Mkt. PN separated with a blank then wrap the rfff to the left.

3<sup>rd</sup> line is the date code, backend revision and fab site. If BE Part Rev has only one character, use rbff format instead of rfff

4<sup>th</sup> line is the lot code

## Using Copper (Cu) Wire



Lines 1 – 4: 10 characters per line  
Line 5: 4 characters

1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number. If Mkt. PN on line 2 contains ≤5 char, move yyww to the second line after the Mkt. PN separated with a blank then wrap the rfff to the left.

3<sup>rd</sup> line is the date code, backend revision and fab site. If BE Part Rev has only one character, use rbff format instead of rfff

4<sup>th</sup> line is the lot code

The 'C' beside the square mark (Pb-Free mark) denotes the use of copper wire.

### Example:

Part Number: CY7C63813-SXC

Line 1: CY7C63813-

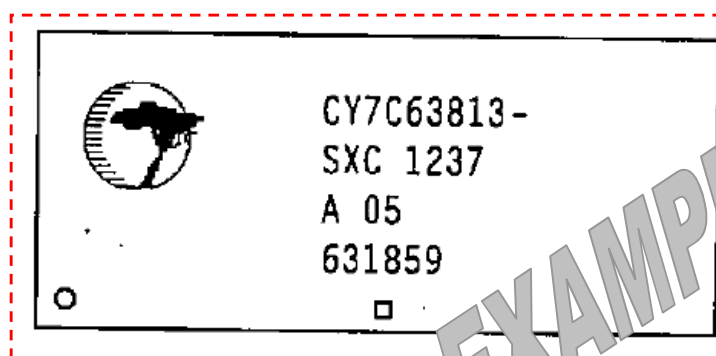
Line 2: SXC 1237

Line 3: A 05

Line 4: 631859

Note:

- For Non-MIA devices, mark last four digits of the assembly lot number (nnnn) beside the pin 1 indicator.



Reference: 37-00001, Figure 4

# SOIC 20 to SOIC 24

## Using Gold (Au) Wire



Lines 1 – 4: 10 characters per line  
Line 5: 4 characters

1st and 2nd line is the marketing part number.

3rd line is the date code, backend revision and fab site

4th line is the lot code

## Using Copper (Cu) Wire



Lines 1 – 4: 10 characters per line  
Line 5: 4 characters

1st and 2nd line is the marketing part number.

3rd line is the date code, backend revision and fab site

4th line is the lot code

The 'C' beside the square mark (Pb-Free mark) denotes the use of copper wire.

### Example:

Part Number: CY8C24223A-24SX1

Line 1: CY8C24223

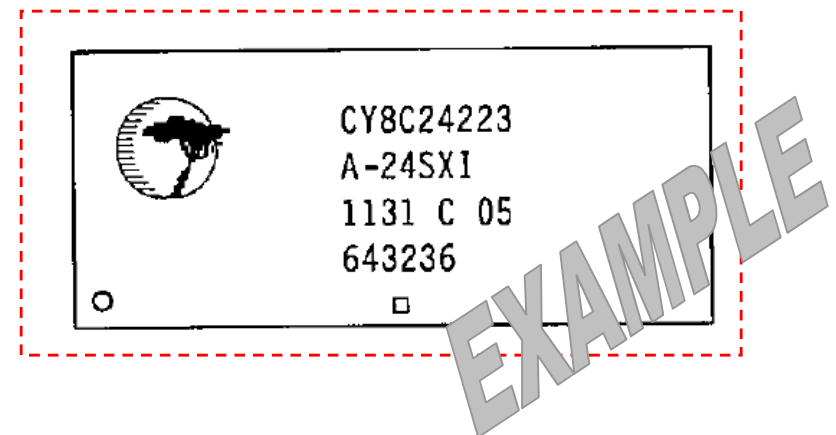
Line 2: A-24SX1

Line 3: 1131 C 05

Line 4: 643236

### Note:

1. If Mkt. PN is >10 char, break the Mkt. PN after the 10th character then move the remaining characters on the second line.
2. If the dash ("-") falls in any character before the 10th character, break the Mkt. PN after the dash then move the remaining characters to the second line.
3. If characters "A", "C", or "P" falls in any characters before the 10th character, break the Mkt. PN after "A", "C", or "P" characters then move the remaining characters on the second line.

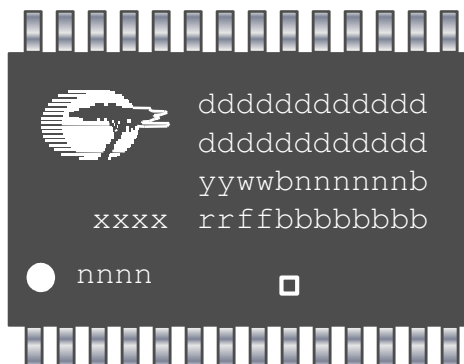


Reference: 37-00001, Figure 5

# SOIC 28 to SOIC 44



## Using Gold (Au) Wire



Lines 1 – 4: 12 characters per line  
Line 5: 4 characters

1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number. If Mkt. PN is ≤12 characters, move line 3 to line 2 then succeeding lines follows.

3<sup>rd</sup> line is the date code and lot code

4<sup>th</sup> line is the backend revision and fab site. If BE Part Rev has only one character, then use rbff format instead of rrff.

xxxx – Country of Origin (COO) – for Packages with no engraved COO.

## Using Copper (Cu) Wire



Lines 1 – 4: 12 characters per line  
Line 5: 4 characters

1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number. If Mkt. PN is ≤12 characters, move line 3 to line 2 then succeeding lines follows.

3<sup>rd</sup> line is the date code and lot code

4<sup>th</sup> line is the backend revision and fab site. If BE Part Rev has only one character, then use rbff format instead of rrff.

xxxx – Country of Origin (COO) – for Packages with no engraved COO.

The 'C' beside the square mark (Pb-Free mark) denotes the use of copper wire.

### Example:

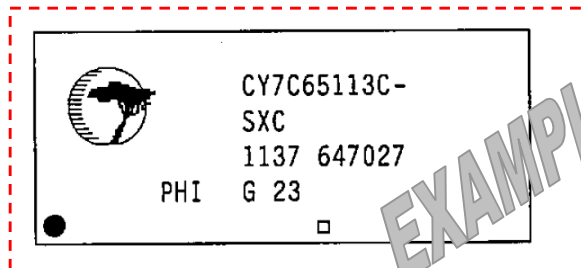
Part Number: CY7C65113C-SXC

Line 1: CY7C65113C-

Line 2: SXC

Line 3: 1137 647027

Line 4: PHI G 23



### Note:

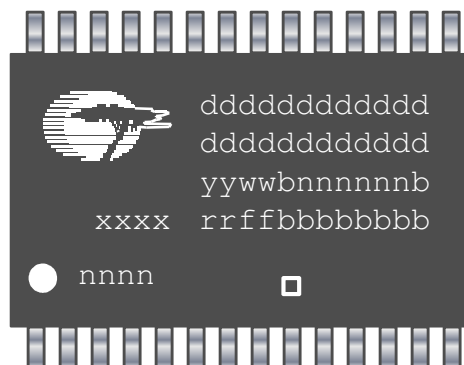
1. If Mkt. PN is >12 characters, break the Mkt. PN after the 12th character then move the remaining characters to the second line.
2. If the dash ("-") falls in any character before the 12th character, break the Mkt. PN after the dash ("-") then move the remaining character to the second line.
3. For Non-MIA devices, mark last four digits of the assembly lot number (nnnn) beside the pin 1 indicator.

Reference: 37-00001, Figure 6

# SOIC 28 to SOIC 44 (SNC - GULL WING)



## Using Gold (Au) Wire



Lines 1 – 4: 12 characters per line  
Line 5: 4 characters

1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number. If Mkt. PN is ≤12 characters, move line 3 to line 2 then succeeding lines follows.

3<sup>rd</sup> line is the date code and lot code

4<sup>th</sup> line is the backend revision and fab site. If BE Part Rev has only one character, then use rbff format instead of rrff.

xxxx – Country of Origin (COO) – for Packages with no engraved COO.

## Using Copper (Cu) Wire



Lines 1 – 4: 12 characters per line  
Line 5: 4 characters

1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number. If Mkt. PN is ≤12 characters, move line 3 to line 2 then succeeding lines follows.

3<sup>rd</sup> line is the date code and lot code

4<sup>th</sup> line is the backend revision and fab site. If BE Part Rev has only one character, then use rbff format instead of rrff.

xxxx – Country of Origin (COO) – for Packages with no engraved COO.

The 'C' beside the square mark (Pb-Free mark) denotes the use of copper wire.

### Example:

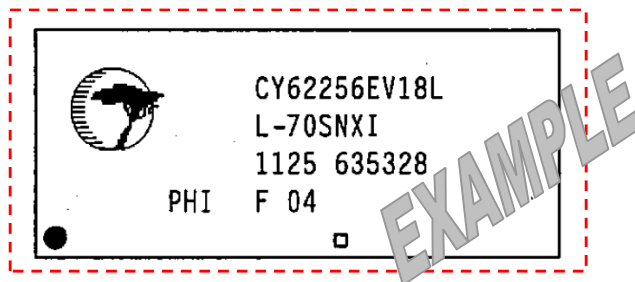
Part Number: CY62256EV18LL-70SNXI

Line 1: CY62256EV18L

Line 2: L-70SNXI

Line 3: 1125 635328

Line 4: PHI F 04



### Note:

1. If Mkt. PN is >12 characters, break the Mkt. PN after the 12th character then move the remaining characters to the second line.
2. If the dash ("-") falls in any character before the 12th character, break the Mkt. PN after the dash ("-") then move the remaining character to the second line.
3. For Non-MIA devices, mark last four digits of the assembly lot number (nnnn) beside the pin 1 indicator.

Reference: 37-00001, Figure 6



# SOJ 16 to SOJ 18

## Using Gold (Au) Wire



Lines 1 – 4: 10 characters per line  
Line 5: 4 characters

1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number.

3<sup>rd</sup> line is the date code, backend revision and fab site

4<sup>th</sup> line is the lot code

## Using Copper (Cu) Wire



Lines 1 – 4: 10 characters per line  
Line 5: 4 characters

1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number.

3<sup>rd</sup> line is the date code, backend revision and fab site

4<sup>th</sup> line is the lot code

The 'C' beside the square mark (Pb-Free mark) denotes the use of copper wire.

# No Example Available

# SOJ 20 to SOJ 24

## Using Gold (Au) Wire



Lines 1 – 4: 10 characters per line  
Line 5: 4 characters

1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number.

3<sup>rd</sup> line is the date code, backend revision and fab site

4<sup>th</sup> line is the lot code

## Using Copper (Cu) Wire



Lines 1 – 4: 10 characters per line  
Line 5: 4 characters

1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number.

3<sup>rd</sup> line is the date code, backend revision and fab site

4<sup>th</sup> line is the lot code

The 'C' beside the square mark (Pb-Free mark) denotes the use of copper wire.

### Example:

Part Number: CY7C128A-20VXC

Line 1: CY7C128A-

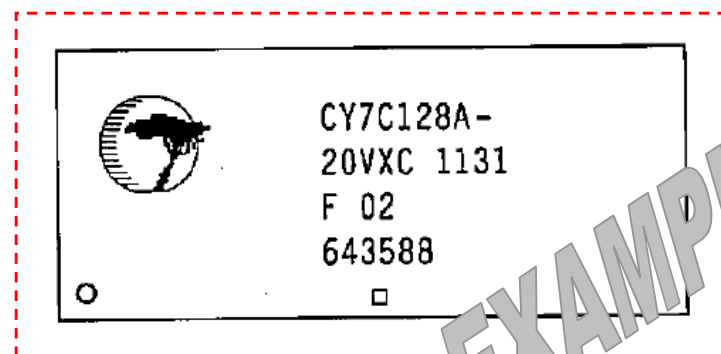
Line 2: 20VXC 1131

Line 3: F 02

Line 4: 643588

Note:

1. If Mkt. PN is >10 char, break the Mkt. PN after the 10th character then move the remaining characters on the second line.
2. If the dash ("-") falls in any character before the 10th character, break the Mkt. PN after the dash then move the remaining characters to the second line.
3. If characters "A", "C", or "P" falls in any characters before the 10th character, break the Mkt. PN after "A", "C", or "P" characters then move the remaining characters on the second line.



Reference: 37-00001, Figure 5

# SOJ 28 to SOJ 44

## Using Gold (Au) Wire



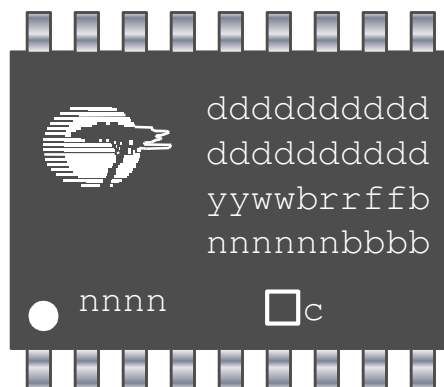
Lines 1 – 4: 12 characters per line  
Line 5: 4 characters

1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number. If Mkt. PN on line 2 contains ≤5 char, move yyww to the second line after the Mkt. PN.

3<sup>rd</sup> line is the date code, backend revision and fab site

4<sup>th</sup> line is the lot code

## Using Copper (Cu) Wire



Lines 1 – 4: 12 characters per line  
Line 5: 4 characters

1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number. If Mkt. PN on line 2 contains ≤5 char, move yyww to the second line after the Mkt. PN.

3<sup>rd</sup> line is the date code, backend revision and fab site

4<sup>th</sup> line is the lot code

The 'C' beside the square mark (Pb-Free mark) denotes the use of copper wire.

### Example:

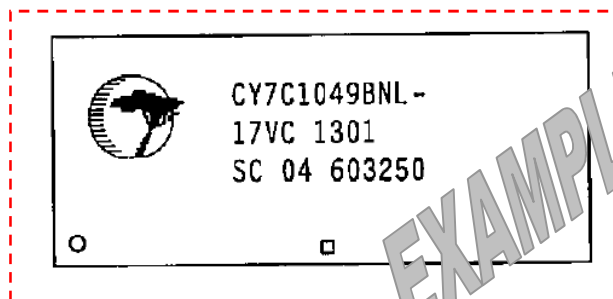
Part Number: CY8C24223A-24SXI

Line 1: CY8C24223

Line 2: A-24SXI

Line 3: 1131 C 05

Line 4: 643236



### Note:

1. If Mkt PN is >12 characters, break the Mkt. PN after the 12th character then move the remaining characters to the second line.
2. If the dash ("-") falls in any character before the 12th character, break the Mkt. PN after the dash ("-") then move the remaining character to the second line.
3. Move the rrbff to the left followed by a blank (b) and the 6 digit mark lot number (nnnnnn)
4. For Non-MIA devices, mark last four digits of the assembly lot number (nnnn) beside the pin 1 indicator.

Reference: 37-00001, Figure 9

# SSOP20 to SSOP 28

## Using Gold (Au) Wire



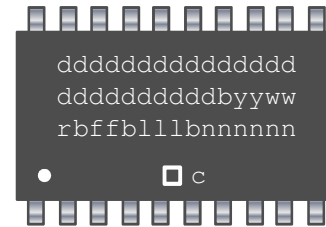
Lines 1 – 3: 15 characters per line

1<sup>st</sup> is the marketing part number

2<sup>nd</sup> line is the remaining marketing part number and datecode

3<sup>rd</sup> line is the backend revision, fab site, 'CYP' and lot code

## Using Copper (Cu) Wire



Lines 1 – 3: 15 characters per line

1<sup>st</sup> is the marketing part number

2<sup>nd</sup> line is the remaining marketing part number and datecode

3<sup>rd</sup> line is the backend revision, fab site, 'CYP' and lot code

The 'C' beside the square mark (Pb-Free mark) denotes the use of copper wire.

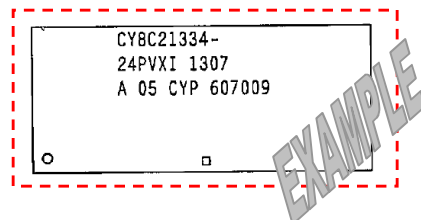
### Example:

Part Number: CY8C21334-24PVXI

Line 1: CY8C21334-

Line 2: 24PVXI 1307

Line 3: A 05 CYP 607009

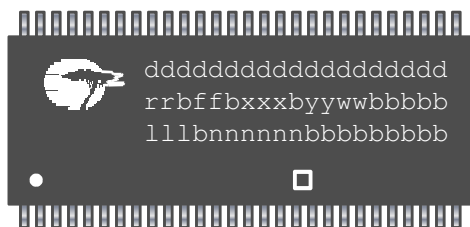


Reference: 37-00001, Figure 34

# SSOP 34 to SSOP 56



## Using Gold (Au) Wire



Lines 1 – 3: 19 characters per line

1<sup>st</sup> is the marketing part number

2<sup>nd</sup> line backend revision fab site, COO and date code.

3<sup>rd</sup> line is the 'CYP and the lot code

## Using Copper (Cu) Wire



Lines 1 – 3: 19 characters per line

1<sup>st</sup> is the marketing part number

2<sup>nd</sup> line backend revision fab site, COO and date code.

3<sup>rd</sup> line is the 'CYP and the lot code

The 'C' beside the square mark (Pb-Free mark) denotes the use of copper wire.

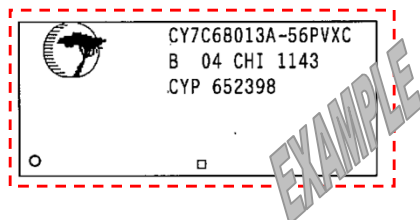
### Example:

Part Number: CY7C68013A-56PVXC

Line 1: CY7C68013A-56PVXC

Line 2: B 04 CHI 1143

Line 3: CYP 652398



Reference: 37-00001, Figure 35

# QSOP 20 – QSOP 28



## Using Gold (Au) Wire

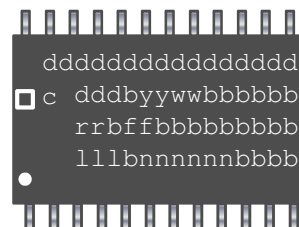


1<sup>st</sup> and 2<sup>nd</sup> line (16 characters) is the marketing part number. If total Mkt Part number characters exceed 16 characters, then first 16 characters will be mark on the unit (first and 2nd line will be used). This will be followed by the datecode.

3<sup>rd</sup> line (14 characters) is the backend revision and fab site.

4<sup>th</sup> line is the 'CYP' and lot code.

## Using Copper (Cu) Wire



1<sup>st</sup> and 2<sup>nd</sup> line (16 characters) is the marketing part number. If total Mkt Part number characters exceed 16 characters, then first 16 characters will be mark on the unit (first and 2nd line will be used). This will be followed by the datecode.

3<sup>rd</sup> line (14 characters) is the backend revision and fab site.

4<sup>th</sup> line is the 'CYP' and lot code.

The 'C' beside the square mark (Pb-Free mark) denotes the use of copper wire.

### Example:

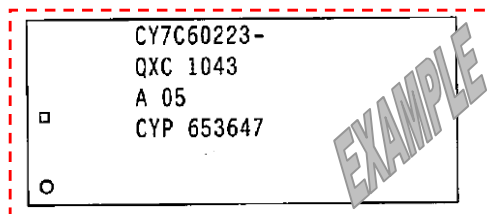
Part Number: CY7C60223-QXC

Line 1: CY7C60223-

Line 2: QXC 1043

Line 3: A 05

Line 4: CYP 653647



### NOTES:

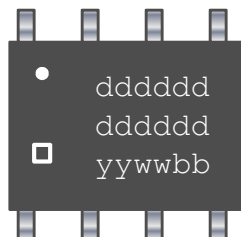
1. First 2-lines will be used for marketing part number
2. If dash (-) is used on the first 9-characters for marketing part numbers split the characters before the dash and wrap on 2nd line.
3. If dash is used on the 10th or 11th characters, ignore dash.

Reference: 37-00001, Figure 32

# TSSOP 8



## Using Gold (Au) Wire

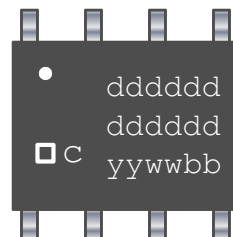


Lines 1 – 3: 6 characters per line

1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number

3<sup>rd</sup> line is the date code

## Using Copper (Cu) Wire



Lines 1 – 3: 6 characters per line

1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number

3<sup>rd</sup> line is the date code

The 'C' beside the square mark (Pb-Free mark) denotes the use of copper wire.

### Example:

Part Number: CY25100ZXCF

Line 1: CY2510

Line 2: 0ZXCF

Line 3: 1125

Note:

1. Requirement of "SIX DIGIT ASSEMBLY LOT NUMBER AND COUNTRY OF ORIGIN IS REQUIRED ON BACKSIDE MARKING"

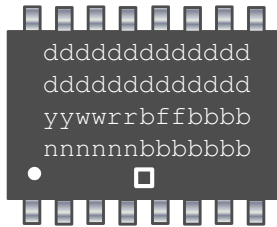


Reference: 37-00001, Figure 24

# TSSOP 16 and TSSOP 14



## Using Gold (Au) Wire



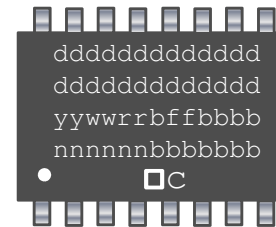
Lines 1 – 4: 13 characters per line

1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number. If total Mkt Part number characters exceed 13 characters, then first 13 characters will be mark on the unit (first and 2nd line will be used).

3<sup>rd</sup> line is the date code, backend revision, fab site

4<sup>th</sup> line is the lot code

## Using Copper (Cu) Wire



Lines 1 – 4: 13 characters per line

1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number. If total Mkt Part number characters exceed 13 characters, then first 13 characters will be mark on the unit (first and 2nd line will be used).

3<sup>rd</sup> line is the date code, backend revision, fab site

4<sup>th</sup> line is the lot code

The 'C' beside the square mark (Pb-Free mark) denotes the use of copper wire.

### Example:

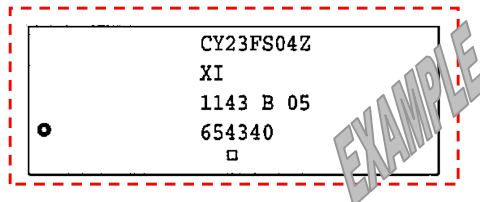
Part Number: CY23FS04ZXIT

Line 1: CY23FS04Z

Line 2: XI

Line 3: 1143 B 05

Line 4: 654340



### NOTES:

1. First 2-lines will be used for marketing part number
2. If dash (-) is used on the first 9-characters for marketing part numbers split the characters before the dash and wrap on 2nd line.
3. If dash is used on the 10th or 11th characters, ignore dash.

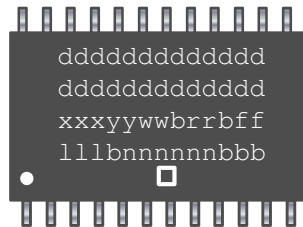
Reference: 37-00001, Figure 25



# TSSOP 20 to TSSOP 38



## Using Gold (Au) Wire



Lines 1 – 4: 13 characters per line

1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number. If total Mkt Part number characters exceed 13 characters, then first 13 characters will be mark on the unit (first and 2<sup>nd</sup> line will be used). If the total Mkt Part number characters is  $\leq 13$  characters, move the succeeding characters to line 2

3<sup>rd</sup> line is the COO, date code, backend revision, fab site

4<sup>th</sup> line is the 'CYP' and lot code

## Using Copper (Cu) Wire



Lines 1 – 4: 13 characters per line

1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number. If total Mkt Part number characters exceed 13 characters, then first 13 characters will be mark on the unit (first and 2<sup>nd</sup> line will be used). If the total Mkt Part number characters is  $\leq 13$  characters, move the succeeding characters to line 2

3<sup>rd</sup> line is the COO, date code, backend revision, fab site

4<sup>th</sup> line is the 'CYP' and lot code

The 'C' beside the square mark (Pb-Free mark) denotes the use of copper wire.

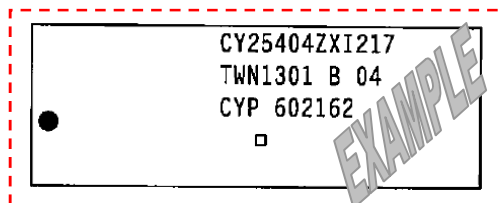
### Example:

Part Number: CY25404ZXI217

Line 1: CY25404ZXI217

Line 2: TWN1301 B 04

Line 3: CYP 602162



### NOTES:

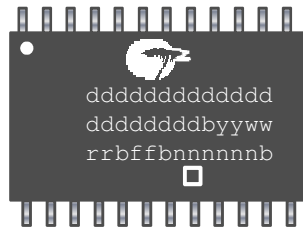
1. First 2-lines will be used for marketing part number
2. If dash (-) is used on the first 9-characters for marketing part numbers split the characters before the dash and wrap on 2<sup>nd</sup> line.
3. If dash is used on the 10<sup>th</sup> or 11<sup>th</sup> characters, ignore dash.

Reference: 37-00001, Figure 26

# TSOP 20 to TSOP 32 (REVERSE OPTION)



## Using Gold (Au) Wire



Lines 1 – 3: 13 characters per line

1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number. If total Mkt Part number characters exceed 13 characters, then first 13 characters will be mark on the unit (first and 2nd line will be used) followed by the datecode.

3<sup>rd</sup> line is the backend revision, fab site and the lot code

## Using Copper (Cu) Wire



Lines 1 – 3: 13 characters per line

1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number. If total Mkt Part number characters exceed 13 characters, then first 13 characters will be mark on the unit (first and 2nd line will be used) followed by the datecode.

3<sup>rd</sup> line is the backend revision, fab site and the lot code

The 'C' beside the square mark (Pb-Free mark) denotes the use of copper wire.

### Example:

Part Number: CY62256VNLL-70ZRXI

Line 1: CY62256VNLL-

Line 2: 70ZRXI 1301

Line 3: ND 04 600295



### NOTES:

1. First 2-lines will be used for marketing part number
2. If dash (-) is used on the first 9-characters for marketing part numbers split the characters before the dash and wrap on 2nd line.
3. If dash is used on the 10th or 11th characters, ignore dash.

Reference: 37-00001, Figure 28

# TSOP II 32 to TSOP II 54

## Using Gold (Au) Wire



Lines 1 – 4: 12 characters per line  
Line 5: 4 characters

1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number. If Mkt. PN is >12 characters, break the Mkt. PN after the 12th character then move the remaining characters to the second line. If Mkt. PN is ≤12 characters, move line 3 to line 2 then succeeding lines follows.

3<sup>rd</sup> line is the date code and lot code

4<sup>th</sup> line is the backend revision and fab site.

xxxx – Country of Origin (COO) – for Packages with no engraved COO.

## Using Copper (Cu) Wire



Lines 1 – 4: 12 characters per line  
Line 5: 4 characters

1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number. If Mkt. PN is >12 characters, break the Mkt. PN after the 12th character then move the remaining characters to the second line. If Mkt. PN is ≤12 characters, move line 3 to line 2 then succeeding lines follows.

3<sup>rd</sup> line is the date code and lot code

4<sup>th</sup> line is the backend revision and fab site.

xxxx – Country of Origin (COO) – for Packages with no engraved COO.

The 'C' beside the square mark (Pb-Free mark) denotes the use of copper wire.

### Example:

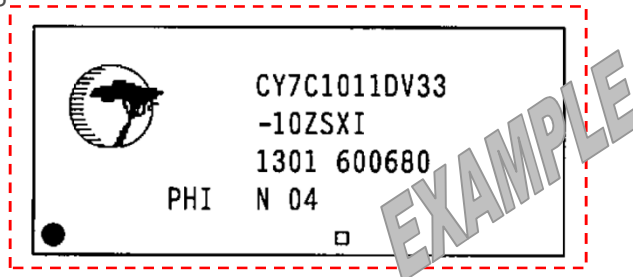
Part Number: CY7C1011DV33-10ZSXI

Line 1: CY7C1011DV33

Line 2: -10ZSXI

Line 3: 1301 600680

Line 4: PHI N 04



### Note:

1. If the dash ("-") falls in any character before the 12th character, break the Mkt. PN after the dash ("-") then move the remaining character to the second line.
2. For Non-MIA devices, mark last four digits of the assembly lot number (nnnn) beside the pin 1 indicator.

Reference: 37-00001, Figure 6

# TSOP 28 to TSOP 48



## Using Gold (Au) Wire



Lines 1 – 3: 13 characters per line

1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number. If total Mkt Part number characters exceed 13 characters, then first 13 characters will be mark on the unit (first and 2nd line will be used)

3<sup>rd</sup> line is the date code, backend revision, fab site and the lot code

## Using Copper (Cu) Wire



Lines 1 – 3: 13 characters per line

1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number. If total Mkt Part number characters exceed 13 characters, then first 13 characters will be mark on the unit (first and 2nd line will be used)

3<sup>rd</sup> line is the date code, backend revision, fab site and the lot code

The 'C' beside the square mark (Pb-Free mark) denotes the use of copper wire.

### Example:

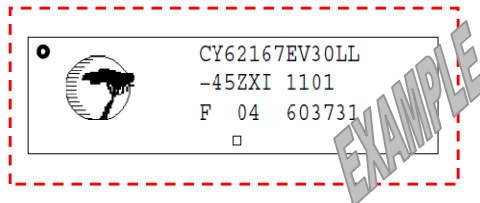
Part Number: CY62167EV30LL-45ZXI

Line 1: CY23FS04Z

Line 2: XI

Line 3: 1143 B 05

Line 4: 654340



### NOTES:

1. First 2-lines will be used for marketing part number
2. If dash (-) is used on the first 9-characters for marketing part numbers split the characters before the dash and wrap on 2nd line.

Reference: 37-00001, Figure 27

# STSOP 32

## Using Gold (Au) Wire



Lines 1 – 3: 13 characters per line

1<sup>st</sup> line is the marketing part number

2<sup>nd</sup> line is the marketing part number if > 13 chars and datecode

3<sup>rd</sup> line is the backend revision, fab site and the lot code

## Using Copper (Cu) Wire



Lines 1 – 3: 13 characters per line

1<sup>st</sup> line is the marketing part number

2<sup>nd</sup> line is the marketing part number if > 13 chars and datecode

3<sup>rd</sup> line is the backend revision, fab site and the lot code

The 'C' beside the square mark (Pb-Free mark) denotes the use of copper wire.

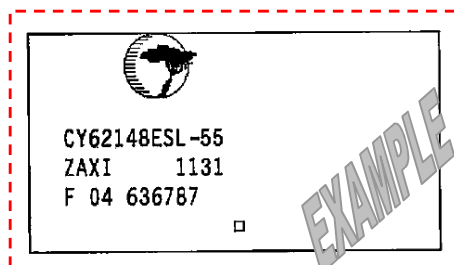
### Example:

Part Number: CY62148ESL-55ZAXI

Line 1: CY62148ESL-55

Line 2: ZAXI 1131

Line 3: F 04 636787



### NOTES:

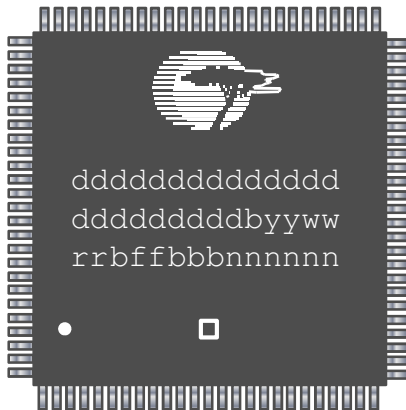
1. First 2-lines will be used for marketing part number
2. If total Mkt Part number characters exceed 13 characters, then first 13 characters will be mark on line 1 followed by remaining characters of the part number on line 2.
3. Date code follows after the part number

Reference: 37-00001, Figure 37

# TQFP 32 to TQFP 144



## Using Gold (Au) Wire



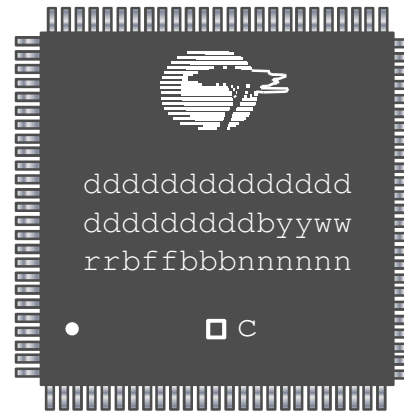
Lines 1 – 4: 14 characters per line

1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number. If Mkt. PN on line 2 contains ≤5 char, move yyww to the second line after the Mkt. PN.

3<sup>rd</sup> line is the date code, backend revision and fab site

4<sup>th</sup> line is the lot code

## Using Copper (Cu) Wire



Lines 1 – 4: 14 characters per line

1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number. If Mkt. PN on line 2 contains ≤5 char, move yyww to the second line after the Mkt. PN.

3<sup>rd</sup> line is the date code, backend revision and fab site

4<sup>th</sup> line is the lot code

The 'C' beside the square mark (Pb-Free mark) denotes the use of copper wire.

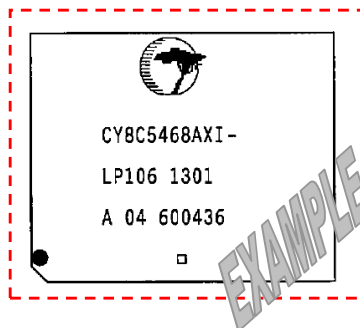
### Example:

Part Number: CY8C5468AXI-LP106

Line 1: CY8C5468AXI-

Line 2: LP106 1301

Line 3: A 04 600436



### Note:

1. If length of Mkt Part Number exceeds the maximum number of characters on Line 1, split the Mkt Part Number after the dash and wrapping the rest on the second line.
2. For Non-MIA devices, mark last four digits of the assembly lot number (nnnn) beside the pin 1 indicator.

Reference: 37-00001, Figure 23

# TQFP 160 to TQFP 388

## Using Gold (Au) Wire



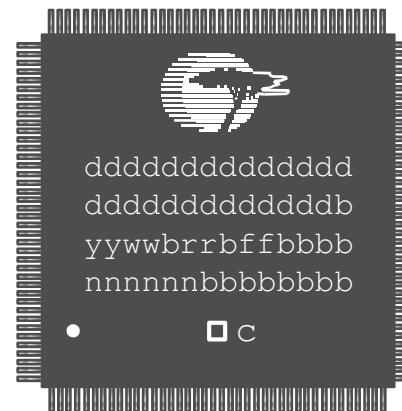
Lines 1 – 4: 14 characters per line

1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number. If Mkt. PN is ≤14 characters, move line 3 to line 2 then succeeding lines follows.

3<sup>rd</sup> line is the date code, backend revision and fab site

4<sup>th</sup> line is the lot code

## Using Copper (Cu) Wire



Lines 1 – 4: 14 characters per line

1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number. If Mkt. PN is ≤14 characters, move line 3 to line 2 then succeeding lines follows.

3<sup>rd</sup> line is the date code, backend revision and fab site

4<sup>th</sup> line is the lot code

The 'C' beside the square mark (Pb-Free mark) denotes the use of copper wire.

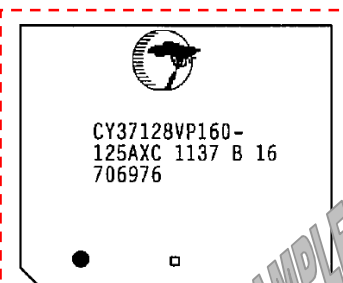
### Example:

Part Number: CY37128VP160-125AXC

Line 1: CY37128VP160-

Line 2: 125AXC 1137 B 16

Line 3: 706976



### Example: (ASE Taiwan)

Part Number: CY37256P160-83AXC

Line 1: CY37256P160-

Line 2: 83AXC TWN1237

Line 3: B 16 630941

Note: *For ASET Assembled: COO is added after the part number*



### Note:

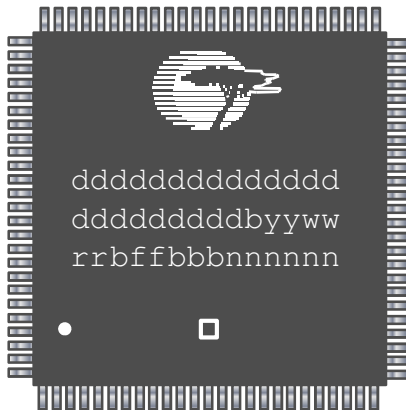
1. If Mkt PN is >14 characters, break the Mkt. PN after the 14th character then move the remaining characters to the second line.
2. If the dash ("-") falls in any character before the 14th character, break the Mkt. PN after the dash ("-") then move the remaining character to the second line.
3. If Mkt. PN on line 2 contains ≤5 char, move yyww to the second line after the Mkt. PN separated with a blank then move the rrbff to the left followed by a blank (b) and the 6 digit mark lot number (nnnnnn)

Reference: 37-00001, Figure 22

# TQFP 32 to TQFP 144 (EXPOSED PAD)



## Using Gold (Au) Wire



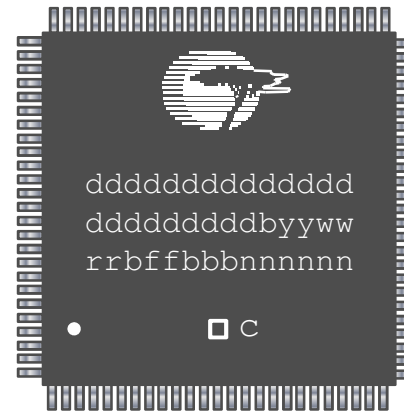
Lines 1 – 4: 14 characters per line

1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number. If Mkt. PN on line 2 contains ≤5 char, move yyww to the second line after the Mkt. PN.

3<sup>rd</sup> line is the date code, backend revision and fab site

4<sup>th</sup> line is the lot code

## Using Copper (Cu) Wire



Lines 1 – 4: 14 characters per line

1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number. If Mkt. PN on line 2 contains ≤5 char, move yyww to the second line after the Mkt. PN.

3<sup>rd</sup> line is the date code, backend revision and fab site

4<sup>th</sup> line is the lot code

The 'C' beside the square mark (Pb-Free mark) denotes the use of copper wire.

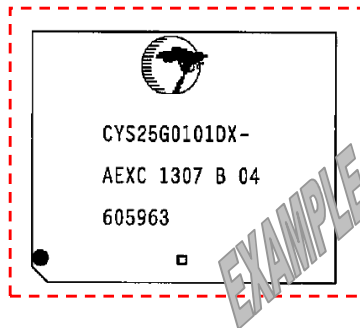
### Example:

Part Number: CY525G101DX-AEXC

Line 1: CY525G101DX-

Line 2: AEXC 1307 B 04

Line 3: 605963



### Note:

1. If length of Mkt Part Number exceeds the maximum number of characters on Line 1, split the Mkt Part Number after the dash and wrapping the rest on the second line.
2. For Non-MIA devices, mark last four digits of the assembly lot number (nnnn) beside the pin 1 indicator.

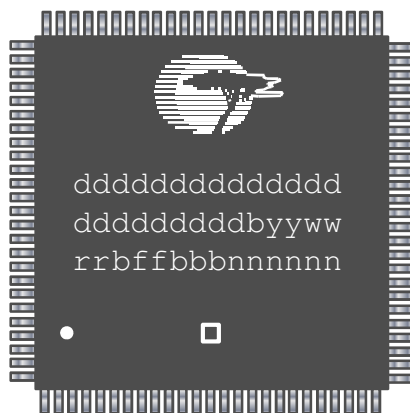
Reference: 37-00001, Figure 23



# PQFP 32 to PQFP 144



## Using Gold (Au) Wire



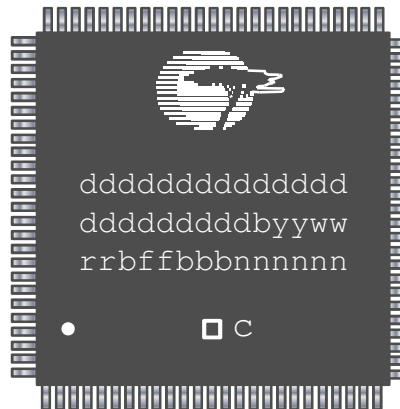
Lines 1 – 4: 14 characters per line

1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number. If Mkt. PN on line 2 contains ≤5 char, move yyww to the second line after the Mkt. PN

3<sup>rd</sup> line is the date code, backend revision and fab site

4<sup>th</sup> line is the lot code

## Using Copper (Cu) Wire



Lines 1 – 4: 14 characters per line

1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number. If Mkt. PN on line 2 contains ≤5 char, move yyww to the second line after the Mkt. PN

3<sup>rd</sup> line is the date code, backend revision and fab site

4<sup>th</sup> line is the lot code

The 'C' beside the square mark (Pb-Free mark) denotes the use of copper wire.

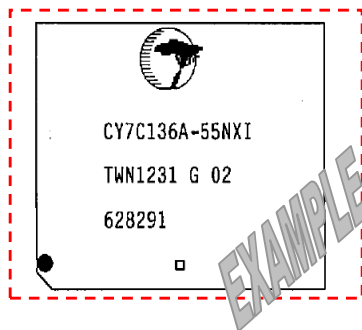
### Example:

Part Number: CY7C136A-55NXI

Line 1: CY7C136A-55NXI

Line 2: TWN1231 G 02

Line 3: 628291



### Note:

1. If length of Mkt Part Number exceeds the maximum number of characters on Line 1, split the Mkt Part Number after the dash and wrapping the rest on the second line.
2. For Non-MIA devices, mark last four digits of the assembly lot number (nnnn) beside the pin 1 indicator.

Reference: 37-00001, Figure 23

# PQFP 160 to PQFP 388



## Using Gold (Au) Wire



Lines 1 – 4: 14 characters per line

1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number

3<sup>rd</sup> line is the date code, backend revision and fab site

4<sup>th</sup> line is the lot code

## Using Copper (Cu) Wire



Lines 1 – 4: 14 characters per line

1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number

3<sup>rd</sup> line is the date code, backend revision and fab site

4<sup>th</sup> line is the lot code

The 'C' beside the square mark (Pb-Free mark) denotes the use of copper wire.

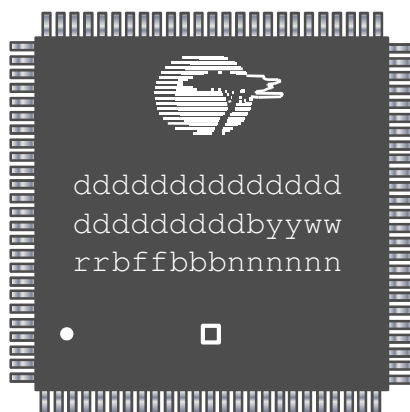
# No Example Available

Reference: 37-00001, Figure 22

# CQFP 52 to CQFP 144



## Using Gold (Au) Wire



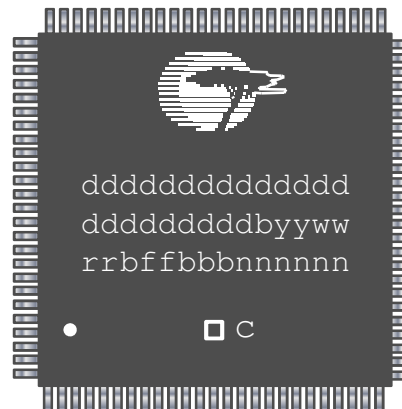
Lines 1 – 4: 14 characters per line

1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number. If Mkt. PN on line 2 contains ≤5 char, move yyww to the second line after the Mkt. PN

3<sup>rd</sup> line is the date code, backend revision and fab site

4<sup>th</sup> line is the lot code

## Using Copper (Cu) Wire



Lines 1 – 4: 14 characters per line

1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number. If Mkt. PN on line 2 contains ≤5 char, move yyww to the second line after the Mkt. PN

3<sup>rd</sup> line is the date code, backend revision and fab site

4<sup>th</sup> line is the lot code

The 'C' beside the square mark (Pb-Free mark) denotes the use of copper wire.

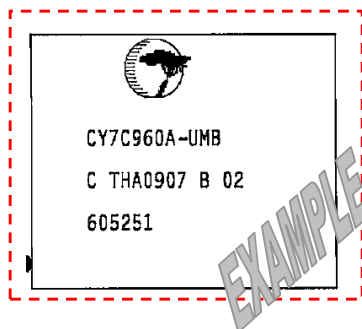
### Example:

Part Number: CY7C960A-UMB

Line 1: CY7C960A-UMB

Line 2: C THA0907 B 02

Line 3: 605251



### Note:

1. If length of Mkt Part Number exceeds the maximum number of characters on Line 1, split the Mkt Part Number after the dash and wrapping the rest on the second line.
2. For Non-MIA devices, mark last four digits of the assembly lot number (nnnn) beside the pin 1 indicator.

Reference: 37-00001, Figure 23

# CQFP 160 to CQFP 388



## Using Gold (Au) Wire



Lines 1 – 4: 14 characters per line

1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number

3<sup>rd</sup> line is the date code, backend revision and fab site

4<sup>th</sup> line is the lot code

## Using Copper (Cu) Wire



Lines 1 – 4: 14 characters per line

1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number

3<sup>rd</sup> line is the date code, backend revision and fab site

4<sup>th</sup> line is the lot code

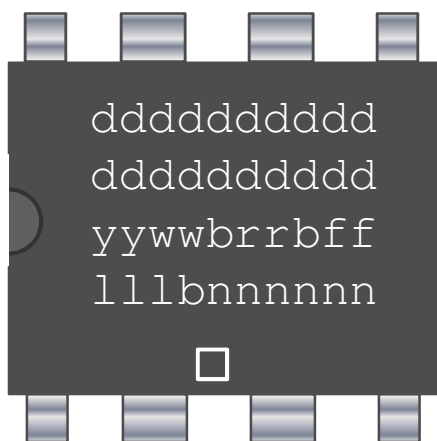
The 'C' beside the square mark (Pb-Free mark) denotes the use of copper wire.

# No Example Available

Reference: 37-00001, Figure 22

# PDIP 8

## Using Gold (Au) Wire

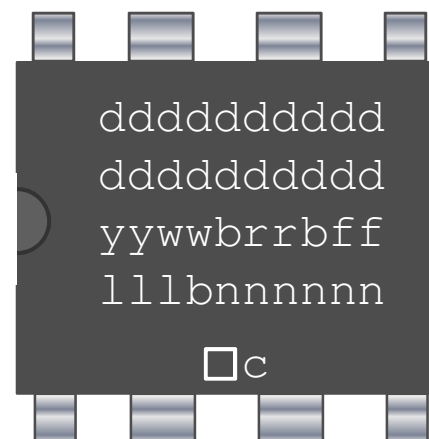


1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number.

3<sup>rd</sup> line is the date code, backend revision and fab site

4<sup>th</sup> line is the CYP and the lot code

## Using Copper (Cu) Wire



1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number.

3<sup>rd</sup> line is the date code, backend revision and fab site

4<sup>th</sup> line is the CYP and the lot code

The 'C' beside the square mark (Pb-Free mark) denotes the use of copper wire.

### Example:

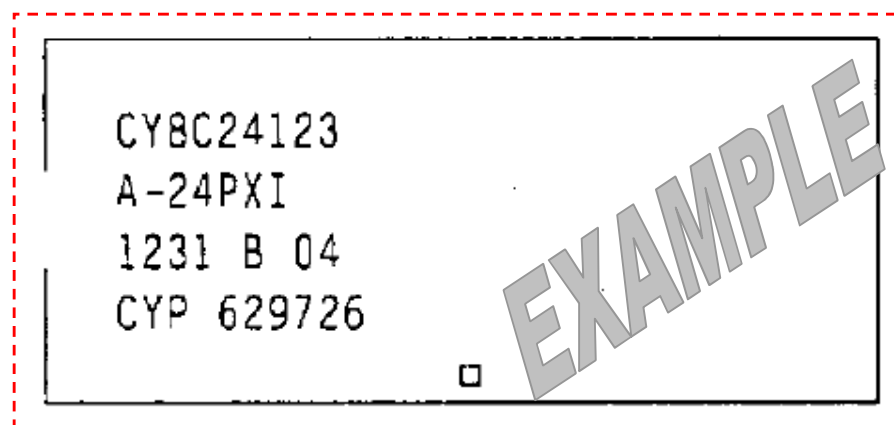
Part Number: CY8C24123A-24PXI

Line 1: CY8C24123

Line 2: A-24PXI

Line 3: 1231 B 04

Line 4: CYP 629726

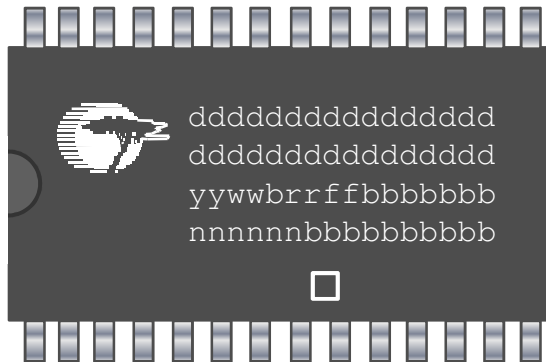


Reference: 37-00001, Figure 1

# PDIP 16 to PDIP 64



## Using Gold (Au) Wire



16 characters per line

1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number.

3<sup>rd</sup> line is the date code, backend revision and fab site

4<sup>th</sup> line is the lot code

## Using Copper (Cu) Wire



16 characters per line

1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number.

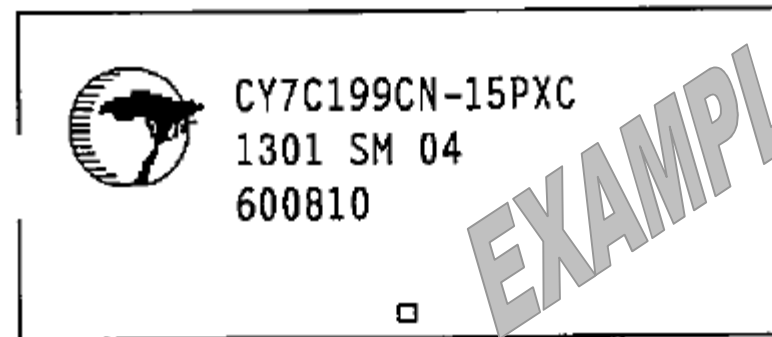
3<sup>rd</sup> line is the date code, backend revision and fab site

4<sup>th</sup> line is the lot code

The 'C' beside the square mark (Pb-Free mark) denotes the use of copper wire.

### Example:

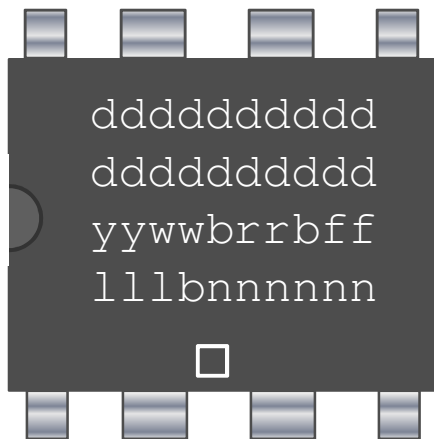
Part Number: CY7C199CN-15PXC  
Line 1: CY7C199CN-15PXC  
Line 2: 1301 SM 04  
Line 3: 600810



Reference: 37-00001, Figure 3

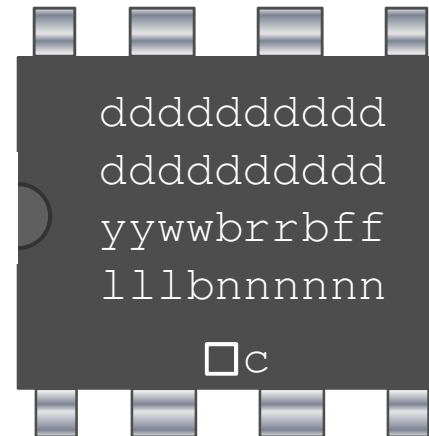
# CERDIP 8

## Using Gold (Au) Wire



- 10 characters per line
- 1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number.
- 3<sup>rd</sup> line is the date code, backend revision and fab site
- 4<sup>th</sup> line is the CYP and the lot code

## Using Copper (Cu) Wire



- 10 characters per line
- 1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number.
- 3<sup>rd</sup> line is the date code, backend revision and fab site
- 4<sup>th</sup> line is the CYP and the lot code
- The 'C' beside the square mark (Pb-Free mark) denotes the use of copper wire.

# No Example Available

Reference: 37-00001, Figure 1

# CERDIP 16 to CERDIP 64



## Using Gold (Au) Wire



16 characters per line

1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number.

3<sup>rd</sup> line is the date code, backend revision and fab site

4<sup>th</sup> line is the lot code

## Using Copper (Cu) Wire



16 characters per line

1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number.

3<sup>rd</sup> line is the date code, backend revision and fab site

4<sup>th</sup> line is the lot code

The 'C' beside the square mark (Pb-Free mark) denotes the use of copper wire.

# No Example Available

Reference: 37-00001, Figure 3



# BGA100, BGA144, BGA165, BGA172, BGA196, BGA119, BGA121, BGA209, BGA256, BGA272, BGA484(906 mils)



## Using Gold (Au) Wire



Lines 1 – 4: 14 characters per line

1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number. If Mkt. PN on line 2 contains ≤5 char, move yyww (date code) to the second line after the Mkt. PN.

3<sup>rd</sup> line is backend revision and fab site

4<sup>th</sup> line is the CYP and the lot code

5<sup>th</sup> line is the COO

## Using Copper (Cu) Wire



Lines 1 – 4: 14 characters per line

1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number. If Mkt. PN on line 2 contains ≤5 char, move yyww (date code) to the second line after the Mkt. PN.

3<sup>rd</sup> line is backend revision and fab site

4<sup>th</sup> line is the CYP and the lot code

5<sup>th</sup> line is the COO

The 'C' beside the square mark (Pb-Free mark) denotes the use of copper wire.

### Example:

Part Number: CY7C1412KV18-300BZXC

Package: BGA165

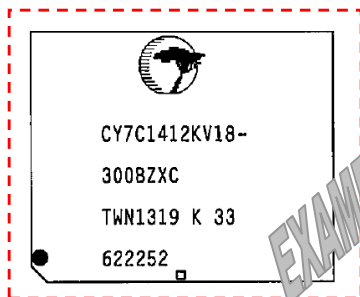
### Assembly Location: ASE Taiwan

Line 1: CY7C1412KV18-

Line 2: 300BZXC

Line 3: TWN1319 K 33

Line 4: 622252

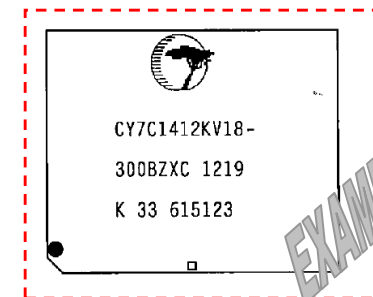


### Assembly Location: CML Philippines

Line 1: CY7C1412KV18-

Line 2: 300BZXC 1219

Line 3: K 33 615123



### Note:

1. If length of Mkt Part Number exceeds the maximum number of characters on Line 1, split the Mkt Part Number after the dash and wrapping the rest on the second line.
2. For Non-MIA devices, mark last four digits of the assembly lot number (nnnn) beside the pin 1 indicator.

Reference: 37-00001, Figure 23

# BGA292, BGA388, BGA484 (1063mils)



## Using Gold (Au) Wire



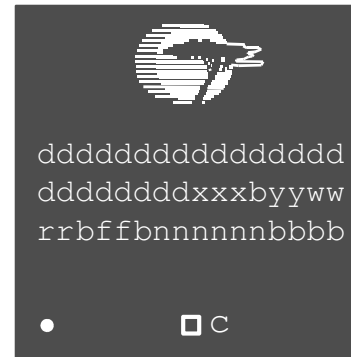
Lines 1 – 4: 16  
characters per line

1<sup>st</sup> the marketing part  
number

2<sup>nd</sup> line is the marketing  
part number followed by  
the COO and datecode.

3<sup>rd</sup> line is the backend  
revision, fab site and lot  
code

## Using Copper (Cu) Wire



Lines 1 – 4: 16 characters per line

1<sup>st</sup> the marketing part number

2<sup>nd</sup> line is the marketing part  
number followed by the COO and  
datecode

3<sup>rd</sup> line is the backend revision,  
fab site and lot code

The 'C' beside the square mark  
(Pb-Free mark) denotes the use  
of copper wire.

### Example:

Part Number: CYD36S36V18-200BGXC

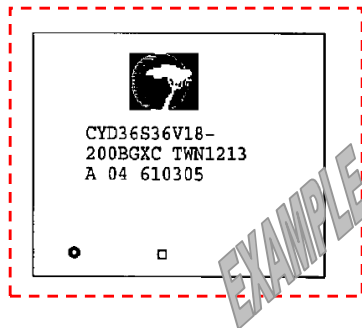
Line 1: CYD36S36V18-

Line 2: 200BGXC TWN 1213

Line 3: A 04 610305

### Note:

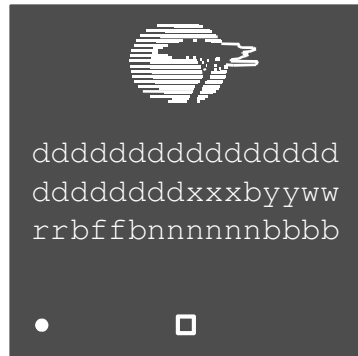
1. If length of Mkt Part Number exceeds the maximum number of characters on Line 1, split the Mkt Part Number after the dash and wrapping the rest on the second line.



Reference: 37-00001, Figure 43

# L2BGA 256

## Using Gold (Au) Wire



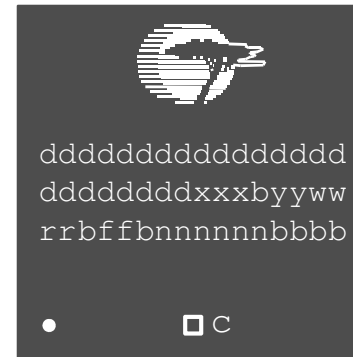
Lines 1 – 3: 16 characters per line

1<sup>st</sup> the marketing part number

2<sup>nd</sup> line is the marketing part number followed by the COO and datecode

3<sup>rd</sup> line is the backend revision, fab site and lot code

## Using Copper (Cu) Wire



Lines 1 – 3: 16 characters per line

1<sup>st</sup> the marketing part number

2<sup>nd</sup> line is the marketing part number followed by the COO and datecode

3<sup>rd</sup> line is the backend revision, fab site and lot code

The 'C' beside the square mark (Pb-Free mark) denotes the use of copper wire.

### Example:

Part Number: CYV15G0203TB-BGXC

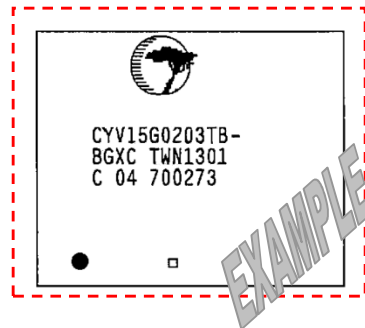
Line 1: CYV15G0203TB-

Line 2: BGXC TWN1301

Line 3: C 04 700273

### Note:

1. If length of Mkt Part Number exceeds the maximum number of characters on Line 1, split the Mkt Part Number after the dash and wrapping the rest on the second line.



Reference: 37-00001, Figure 43

# FCBGA 361 (WITH HEAT SPREADER)



## Using Gold (Au) Wire



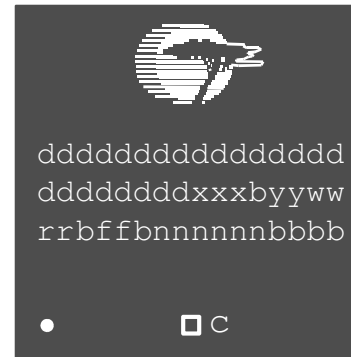
Lines 1 – 3: 16 characters per line

1<sup>st</sup> the marketing part number

2<sup>nd</sup> line is the marketing part number followed by the COO and datecode

3<sup>rd</sup> line is the backend revision, fab site and lot code

## Using Copper (Cu) Wire



Lines 1 – 3: 16 characters per line

1<sup>st</sup> the marketing part number

2<sup>nd</sup> line is the marketing part number followed by the COO and datecode

3<sup>rd</sup> line is the backend revision, fab site and lot code

The 'C' beside the square mark (Pb-Free mark) denotes the use of copper wire.

# No Example Available

Reference: 37-00001, Figure 43

# BGA 36 to BGA48



## Using Gold (Au) Wire



Lines 1 – 5: 10 characters per line

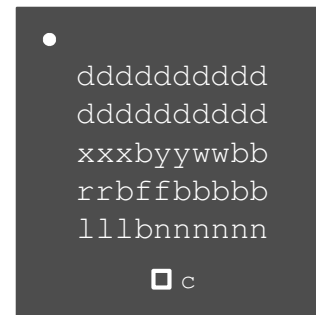
1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number

3<sup>rd</sup> line is the COO, and date code

4<sup>th</sup> line is the backend revision and fab site

5<sup>th</sup> line is 'CYP' and lot code

## Using Copper (Cu) Wire



Lines 1 – 5: 10 characters per line

1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number

3<sup>rd</sup> line is the COO, and date code

4<sup>th</sup> line is the backend revision and fab site

5<sup>th</sup> line is 'CYP' and lot code

The 'C' beside the square mark (Pb-Free mark) denotes the use of copper wire.

### Example:

Part Number: CY62147EV30LL-45BVXI

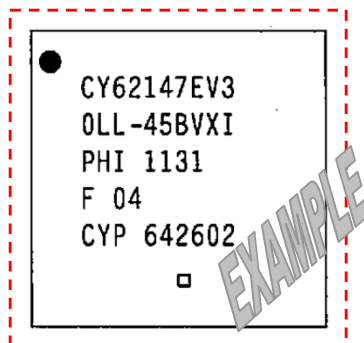
Line 1: CY62147EV3

Line 2: 0LL-45BVXI

Line 3: PHI 1131

Line 4: F 04

Line 5: CYP 642602



### Note:

1. If length of Mkt Part Number exceeds the maximum number of characters on Line 1, split the Mkt Part Number after the dash and wrapping the rest on the second line.

Reference: 37-00001, Figure 47

# BGA36, BGA48, BGA60 and BGA121



## Using Gold (Au) Wire

Lines 1 – 4: 13 characters per line



1<sup>st</sup> line is the marketing part number

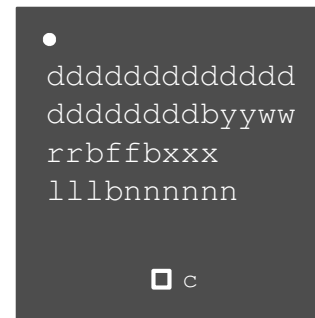
2<sup>nd</sup> line is the remaining marketing part number and datecode

3<sup>rd</sup> line is the backend revision, fab site and COO

4<sup>th</sup> line is 'CYP' and lot code

## Using Copper (Cu) Wire

Lines 1 – 4: 13 characters per line



1<sup>st</sup> line is the marketing part number

2<sup>nd</sup> line is the remaining marketing part number and datecode

3<sup>rd</sup> line is the backend revision, fab site and COO

4<sup>th</sup> line is 'CYP' and lot code

The 'C' beside the square mark (Pb-Free mark) denotes the use of copper wire.

### Examples 1:

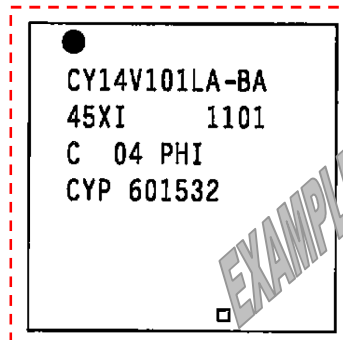
Part Number: CY14V101LA-BA45XI

Line 1: CY14V101LA-BA

Line 2: 45XI 1101

Line 3: C 04 PHI

Line 4: CYP 601532



### Example 2:

Part Number: CYUSB3035-BZXI

Package: BGA121

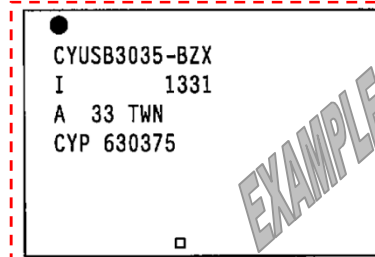
Assembly Location: ASE Taiwan

Line 1: CYUSB3035-BZX

Line 2: I 1331

Line 3: A 33 TWN

Line 4: CYP 630375



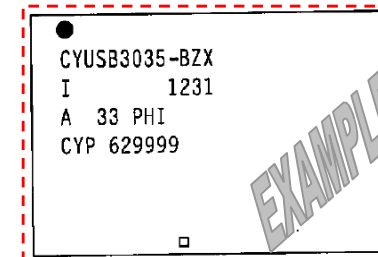
Assembly Location: CML Philippines

Line 1: CYUSB3035-BZX

Line 2: I 1231

Line 3: A 33 PHI

Line 4: CYP 629999



Reference: 37-00001, Figure 36

# VFBGA56, VFBGA84 and VFBGA100



## Using Gold (Au) Wire



Lines 1 – 5: 10 characters per line

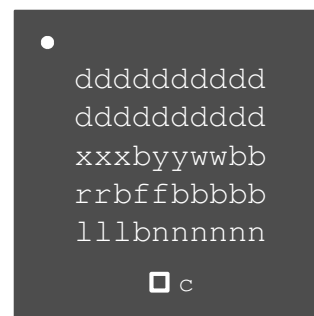
1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number

3<sup>rd</sup> line is the COO, and date code

4<sup>th</sup> line is the backend revision and fab site

5<sup>th</sup> line is 'CYP' and lot code

## Using Copper (Cu) Wire



Lines 1 – 5: 10 characters per line

1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number

3<sup>rd</sup> line is the COO, and date code

4<sup>th</sup> line is the backend revision and fab site

5<sup>th</sup> line is 'CYP' and lot code

The 'C' beside the square mark (Pb-Free mark) denotes the use of copper wire.

### Example:

Part Number: CYDMX256A16-90BVXI

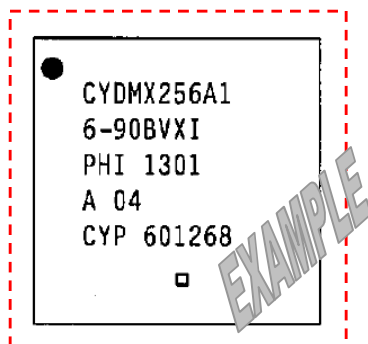
Line 1: CYDMX256A1

Line 2: 6-90BVXI

Line 3: PHI 1301

Line 4: A 04

Line 5: 601268



### Note:

1. If length of Mkt Part Number exceeds the maximum number of characters on Line 1, split the Mkt Part Number after the dash and wrapping the rest on the second line.

Reference: 37-00001, Figure 47

# VFBGA60 and VFBGA70



## Using Gold (Au) Wire



Line 1: 10 characters  
Lines 2 – 4: 11 characters per line  
Line 5: 3 characters

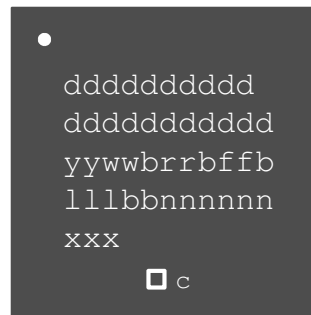
1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number

3<sup>rd</sup> line is the date code, backend revision and fab site

4<sup>th</sup> line is CYP' and lot code

5<sup>th</sup> line is the COO

## Using Copper (CuPd) Wire



Line 1: 10 characters  
Lines 2 – 4: 11 characters per line  
Line 5: 3 characters

1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number

3<sup>rd</sup> line is the date code, backend revision and fab site

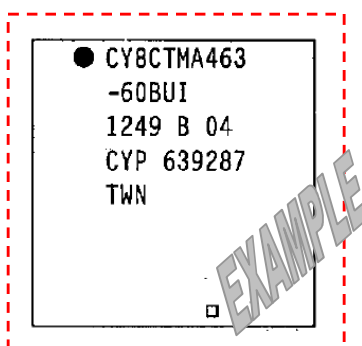
4<sup>th</sup> line is CYP' and lot code

5<sup>th</sup> line is the COO

### Example:

Part Number: CY8CTMA463-60BUI

Line 1: CY8CTMA463  
Line 2: -60BUI  
Line 3: 1249 B 04  
Line 4: CYP 639287  
Line 5: TWN



### Note:

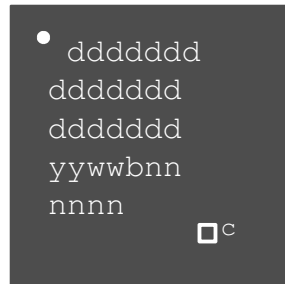
1. If length of Mkt Part Number exceeds the maximum number of characters on Line 1, split the Mkt Part Number after the dash and wrapping the rest on the second line.

Reference: 37-00001, Figure 56



# UFBGA 48

## Using Copper (Cu) Wire



1<sup>st</sup> line (7characters) is the marketing part number

2<sup>nd</sup> line (7characters) is the marketing part number.

3<sup>rd</sup> line (7characters) is the marketing part number.

4<sup>th</sup> line (7 characters) is the datecode and lot code

5<sup>th</sup> line (4 characters) is the lotcode

The 'C' beside the square mark (Pb-Free mark) denotes the use of copper wire.

### Example:

Part Number: CYTMA525-48BUI25ZZ

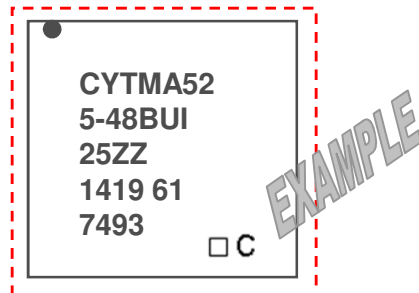
Line 1: CYTMA52

Line 2: 5-48BUI

Line 3: 25ZZ

Line 4: 1419 61

Line 5: 7493



### Note:

1. If length of Mkt Part Number exceeds the maximum number of characters on Line 1, split the Mkt Part Number after the dash and wrapping the rest on the second and third line.

Reference: 37-00001, Figure 125

# UFBGA 60 and UFBGA 70



## Using Gold (Au) Wire

1<sup>st</sup> line (10 characters) is the marketing part number



2<sup>nd</sup> line (11 characters) is the marketing part number. If Mkt. PN on line 2 contains ≤5 char, move yyww to the second line after the Mkt. PN separated with a blank then move the rrbff to the next line.

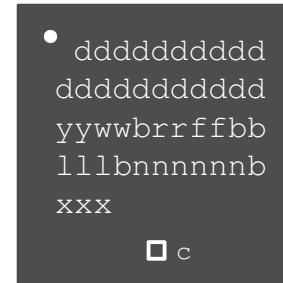
3<sup>rd</sup> line (11 characters) is the datecode, backend revision and fab site

4<sup>th</sup> (11 characters) line is 'CYP' and lot code

5<sup>th</sup> line (3 characters) is the COO

## Using Copper (Cu) Wire

1<sup>st</sup> line (10 characters) is the marketing part number



2<sup>nd</sup> line (11 characters) is the marketing part number. If Mkt. PN on line 2 contains ≤5 char, move yyww to the second line after the Mkt. PN separated with a blank then move the rrbff to the next line.

3<sup>rd</sup> line (11 characters) is the datecode, backend revision and fab site

4<sup>th</sup> (11 characters) line is 'CYP' and lot code

5<sup>th</sup> line (3 characters) is the COO

The 'C' beside the square mark (Pb-Free mark) denotes the use of copper wire.

### Example:

Part Number: CY8CTMA463-60BUI

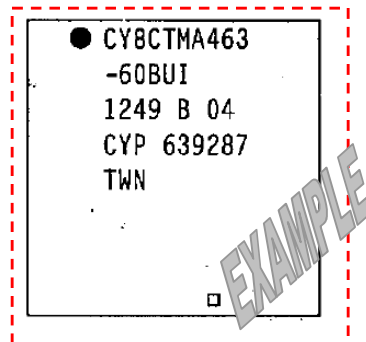
Line 1: CY8CTMA463

Line 2: -60BUI

Line 3: 1249 B 04

Line 4: CYP 639287

Line 5: TWN



### Note:

1. If length of Mkt Part Number exceeds the maximum number of characters on Line 1, split the Mkt Part Number after the dash and wrapping the rest on the second line.

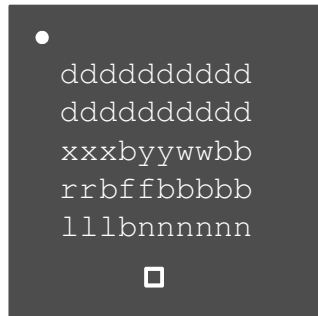
Reference: 37-00001, Figure 56

# UFBGA 84



## Using Gold (Au) Wire

Lines 1 – 4: 10 characters per line



1<sup>st</sup> line is the marketing part number

2<sup>nd</sup> line is the remaining marketing part number

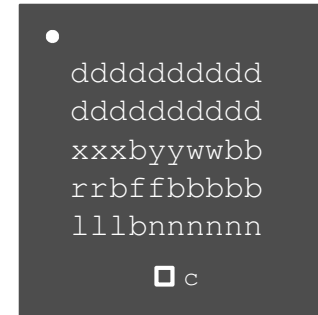
3<sup>rd</sup> line is the COO and the date code.

4<sup>th</sup> line is the backend revision, fab site

5<sup>th</sup> line is 'CYP' and lot code

## Using Copper (Cu) Wire

Lines 1 – 4: 10 characters per line



1<sup>st</sup> line is the marketing part number

2<sup>nd</sup> line is the remaining marketing part number

3<sup>rd</sup> line is the COO and the date code.

4<sup>th</sup> line is the backend revision, fab site

5<sup>th</sup> line is 'CYP' and lot code

The 'C' beside the square mark (Pb-Free mark) denotes the use of copper wire.

### Example:

Part Number: CY8CTMA768BUI-23

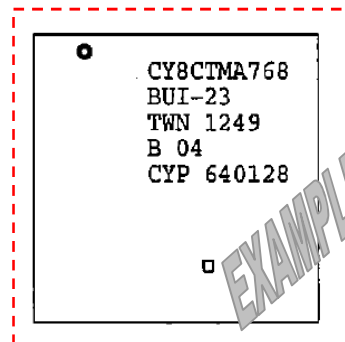
Line 1: CY8CTMA768

Line 2: BUI-23

Line 3: TWN 1249

Line 4: B 04

Line 5: CYP 640128



Reference: 37-00001, Figure 47

# PLCC24 to PLCC32



## Using Gold (Au) Wire



Lines 1 – 4: 11 characters per line

1<sup>st</sup> line is the marketing part number

2<sup>nd</sup> line is the remaining marketing part number and datecode

3<sup>rd</sup> line is the backend revision and fab site

4<sup>th</sup> line is 'CYP' and the lot code

## Using Copper (Cu) Wire



Lines 1 – 4: 11 characters per line

1<sup>st</sup> line is the marketing part number

2<sup>nd</sup> line is the remaining marketing part number and datecode

3<sup>rd</sup> line is the backend revision and fab site

4<sup>th</sup> line is 'CYP' and the lot code

The 'C' beside the square mark (Pb-Free mark) denotes the use of copper wire.

### Example:

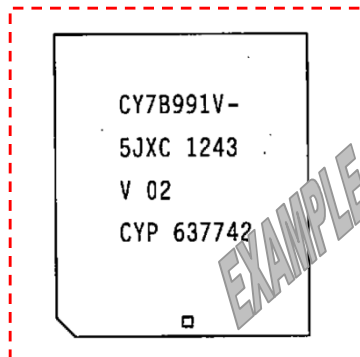
Part Number: CY7B991V-5JXC

Line 1: CY7B991V-

Line 2: 5JXC 11243

Line 3: V 02

Line 4: CYP 637742



### Note:

1. If length of Mkt Part Number exceeds the maximum number of characters on Line 1, split the Mkt Part Number after the dash and wrapping the rest on the second line.

Reference: 37-00001, Figure 15

# PLCC44 to PLCC84



## Using Gold (Au) Wire



Lines 1 – 4: 11 characters per line

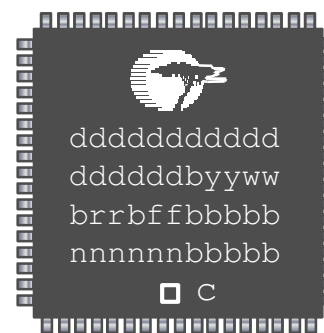
1<sup>st</sup> line is the marketing part number

2<sup>nd</sup> line is the remaining marketing part number and datecode

3<sup>rd</sup> line is the backend revision and fab site

4<sup>th</sup> line is the lot code

## Using Copper (Cu) Wire



Lines 1 – 4: 11 characters per line

1<sup>st</sup> line is the marketing part number

2<sup>nd</sup> line is the remaining marketing part number and datecode

3<sup>rd</sup> line is the backend revision and fab site

4<sup>th</sup> line is the lot code

The 'C' beside the square mark (Pb-Free mark) denotes the use of copper wire.

### Example:

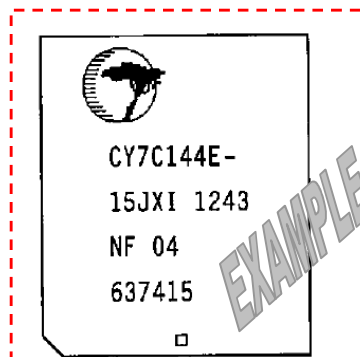
Part Number: CY7C144E-15JXI

Line 1: CY7C144E-

Line 2: 15JXI 1243

Line 3: NF 04

Line 4: 637415



### Note:

1. If length of Mkt Part Number exceeds the maximum number of characters on Line 1, split the Mkt Part Number after the dash and wrapping the rest on the second line.

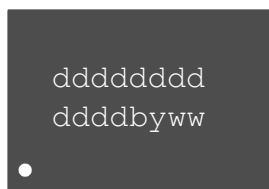
Reference: 37-00001, Figure 17

# LCC04 , LCC06



## Using Gold (Au) Wire

Lines 1 – 2: 8 characters per line



1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number

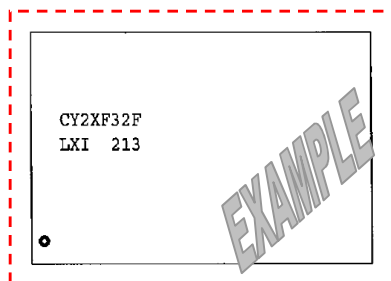
2<sup>nd</sup> line is the remaining marketing part number and last 3 digits of datecode (yww)

### Example:

Part Number: CY2XF32FLXIT

Line 1: CY2XF32F

Line 2: LXI 213



Reference: 37-00001, Figure 64

# QFN 8 (3x3)

## Using Gold (Au) Wire



1<sup>st</sup> line (3 characters) is the  
7<sup>th</sup>, 8<sup>th</sup> and 9<sup>th</sup> characters of  
marketing part number

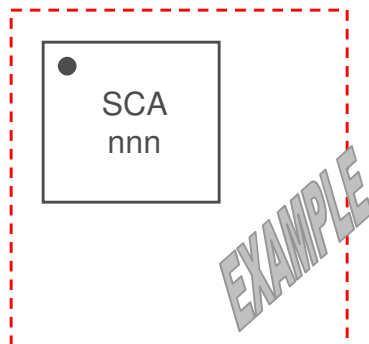
2<sup>nd</sup> line (3 characters) is the  
last three digits of assembly  
lot number

### Example:

Part Number: CY22U1SCALGXC-00

Line 1: SCA

Line 2: nnn



Reference: 37-00001, Figure 116

# QFN 16 (3x3)

## Using Gold (Au) Wire



1<sup>st</sup> line (4 characters) is the 4 digit marketing part number before the dash (-)

2<sup>nd</sup> line (4 characters) is the datecode

3<sup>rd</sup> line (4 characters) is the last 4 digits of the lot number

## Using Copper (Cu) Wire



1<sup>st</sup> line (4 characters) is the 4 digit marketing part number before the dash (-)

2<sup>nd</sup> line (4 characters) is the datecode

3<sup>rd</sup> line (4 characters) is the last 4 digits of the lot number

The 'C' denotes the use of copper wire.

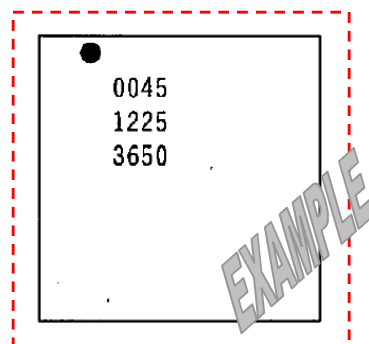
### Example:

Part Number: CY8C20045-24LKXI

Line 1: 0045

Line 2: 1225

Line 3: 3650





# QFN 16, 24, 28

## Using Gold (Au) Wire



1<sup>st</sup> line (4 characters) is the marketing part number

2<sup>nd</sup> line (6 characters) is the marketing part number

3<sup>rd</sup> line (6 characters) is the date code and the first digit of the lot code

4<sup>th</sup> line (4 characters) is the last 4 digit if lot code

## Using Copper (Cu) Wire



1<sup>st</sup> line (4 characters) is the marketing part number

2<sup>nd</sup> line (6 characters) is the marketing part number

3<sup>rd</sup> line (6 characters) is the date code and the first digit of the lot code

4<sup>th</sup> line (4 characters) is the last 4 digit if lot code

The 'C' beside the square mark (Pb-Free mark) denotes the use of copper wire.

### Example:

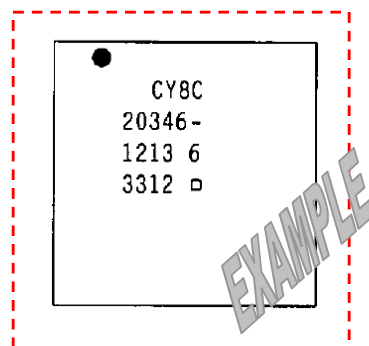
Part Number: CY8C20346-24LQXI

Line 1: CY8C

Line 2: 20346-

Line 3: 1213 6

Line 4: 3312



### Note:

1. First two lines will be mark with Marketing Part numbers only. If Marketing Part number exceeds 10 characters, Mark only the first 10 characters of the marketing part number. Ignore splitting and wrap first 10 characters over the first two lines.

Reference: 37-00001, Figure 55

# QFN / DFN 8L, 16L, 20L



## Using Gold (Au) Wire



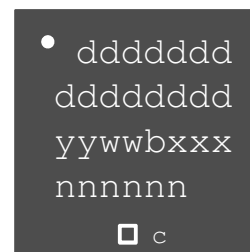
1<sup>st</sup> line (7 characters) is the marketing part number

2<sup>nd</sup> line (8 characters) is the marketing part number

3<sup>rd</sup> line (8 characters) is the date code and the first digit of the lot code

4<sup>th</sup> line (6 characters) is the lot code

## Using Copper (Cu) Wire



1<sup>st</sup> line (7 characters) is the marketing part number

2<sup>nd</sup> line (8 characters) is the marketing part number

3<sup>rd</sup> line (8 characters) is the date code and the first digit of the lot code

4<sup>th</sup> line (6 characters) is the lot code

The 'C' beside the square mark (Pb-Free mark) denotes the use of copper wire.

### Example:

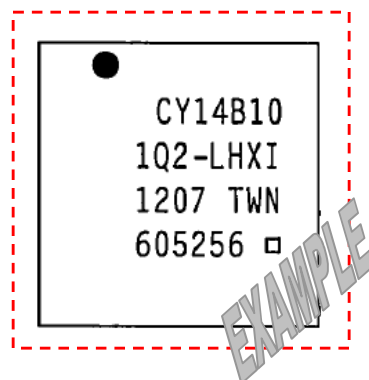
Part Number: CY14B101Q2-LHXI

Line 1: CY14B10

Line 2: 1Q2-LHXI

Line 3: 1207 TWN

Line 4: 605256



Reference: 37-00001, Figure 48

# QFN 28, 32, 36, 44



## Using Gold (Au) Wire

• dddddd  
ddddd  
yywbxxx  
nnnnn  
AAA



1<sup>st</sup> line (7 characters) is the marketing part number

2<sup>nd</sup> line (8 characters) is the marketing part number

3<sup>rd</sup> line (8 characters) is the date code and the first digit of the lot code

4<sup>th</sup> line (6 characters) is the lot code

5<sup>th</sup> line is the Strip ID for CML Autoline assembled only

## Using Copper (Cu) Wire

• dddddd  
ddddd  
yywbxxx  
nnnnn  
AAA



1<sup>st</sup> line (7 characters) is the marketing part number

2<sup>nd</sup> line (8 characters) is the marketing part number

3<sup>rd</sup> line (8 characters) is the date code and the first digit of the lot code

4<sup>th</sup> line (6 characters) is the lot code

5<sup>th</sup> line is the Strip ID for CML Autoline assembled only

The 'C' beside the square mark (Pb-Free mark) denotes the use of copper wire.

### Example:

Part Number: CY8CTST242-LQI-01

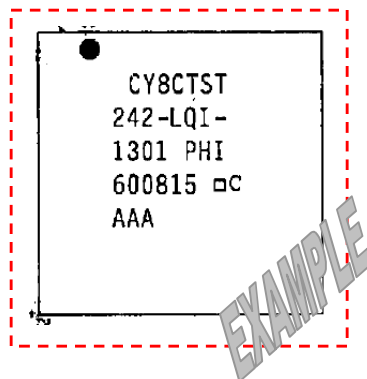
Line 1: CY8CTST

Line 2: 242-LQI-

Line 3: 1301 PHI

Line 4: 600815

Line 5: AAA



### NOTES:

1. First 2-lines will be used for marketing part number
2. If dash (-) is used on the first 8-characters for marketing part numbers split the characters before the dash and wrap on 2nd line.
3. If dash is used on the 9th or 10th characters, ignore dash.
4. If total Mkt Part number characters exceed 15 characters, then first 15 characters will be mark on the unit (first and 2nd line will be used)

Reference: 37-00001, Figure 52

# QFN 40, 48, 56 (6x6mm)



## Using Gold (Au) Wire

- dddddd  
ddddd  
yywwbrbff  
lllnnnnn  
xxx  
AAA □

1<sup>st</sup> line (8 characters) is the marketing part number

2<sup>nd</sup> line (9 characters) is the marketing part number

3<sup>rd</sup> line (9 characters) is the date code, backend revision and fab site

4<sup>th</sup> line (9 characters) is 'CYP' and lot code

5<sup>th</sup> line is the COO

6<sup>th</sup> line (3 characters) is the Strip ID for CML Autoline assembled only

## Using Copper (Cu) Wire

- dddddd  
ddddd  
yywwbrbff  
lllnnnnn  
xxx  
AAA □ C

1<sup>st</sup> line (8 characters) is the marketing part number

2<sup>nd</sup> line (9 characters) is the marketing part number

3<sup>rd</sup> line (9 characters) is the date code, backend revision and fab site

4<sup>th</sup> line (9 characters) is 'CYP' and lot code

5<sup>th</sup> line is the COO

6<sup>th</sup> line (3 characters) is the Strip ID for CML Autoline assembled only

The 'C' beside the square mark (Pb-Free mark) denotes the use of copper wire.

### Example:

Part Number: CY8CTMA400-48LQI

Line 1: CY8CTMA4

Line 2: 00-48LQI

Line 3: 1307 B 04

Line 4: CYP606450

Line 5: PHI

Line 6: AAA

• CY8CTMA4  
00-48LQI  
1307 B 04  
• CYP606450  
PHI □  
AAA

EXAMPLE

### NOTES:

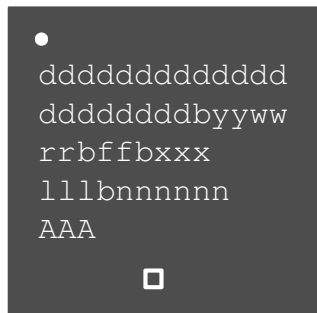
1. First 2-lines will be used for marketing part number
2. If dash (-) is used on the first 8-characters for marketing part numbers split the characters before the dash and wrap on 2nd line.
3. If dash is used on the 9th or 10th characters, ignore dash.
4. If total Mkt Part number characters exceed 17 characters, then first 17 characters will be mark on the unit (first and 2nd line will be used)

Reference: 37-00001, Figure 52

# QFN 48 (7x7mm) QFN 56 (8x8mm)



## Using Gold (Au) Wire



Lines 1 – 4: 13 characters per line

1<sup>st</sup> line is the marketing part number

2<sup>nd</sup> line is the remaining marketing part number and datecode

3<sup>rd</sup> line is the backend revision, fab site and COO

4<sup>th</sup> line is 'CYP' and lot code

5<sup>th</sup> line (3 characters) is the strip ID applicable only for CML Autoline Assembled

## Using Copper (Cu) Wire



Lines 1 – 4: 13 characters per line

1<sup>st</sup> line is the marketing part number

2<sup>nd</sup> line is the remaining marketing part number and datecode

3<sup>rd</sup> line is the backend revision, fab site and COO

4<sup>th</sup> line is 'CYP' and lot code

5<sup>th</sup> line (3 characters) is the strip ID applicable only for CML Autoline Assembled

The 'C' beside the square mark (Pb-Free mark) denotes the use of copper wire.

### Example:

Part Number: CY8C3445LTI-089

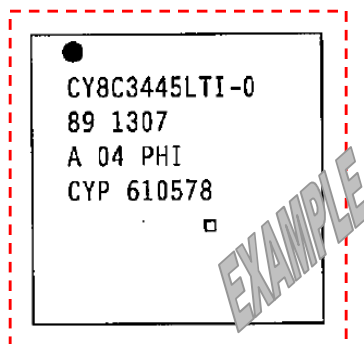
Line 1: CY8C3445LTI-0

Line 2: 89 1307

Line 3: A 04 PHI

Line 4: CYP 610578

Line 5: AAA



Reference: 37-00001, Figure 36

# QFN 68 (8x8mm)



## Using Gold (Au) Wire



Lines 1 – 4: 11 characters per line

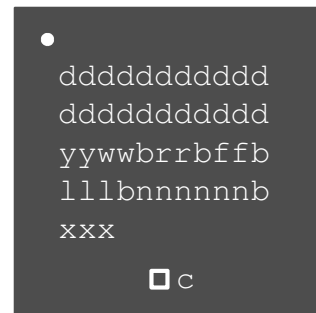
1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number

3<sup>rd</sup> line is the date code, backend revision and fab site

4<sup>th</sup> line is 'CYP' and lot code

5<sup>th</sup> line (3 characters) is COO

## Using Copper (Cu) Wire



Lines 1 – 4: 11 characters per line

1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number

3<sup>rd</sup> line is the date code, backend revision and fab site

4<sup>th</sup> line is 'CYP' and lot code

5<sup>th</sup> line (3 characters) is COO

The 'C' beside the square mark (Pb-Free mark) denotes the use of copper wire.

### Example:

Part Number: CY8C3246LTI-128

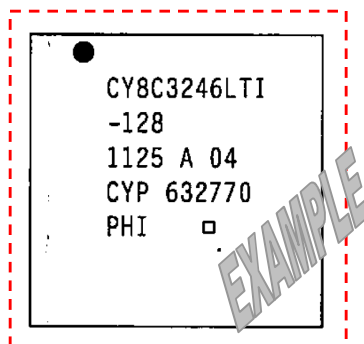
Line 1: CY8C3246LTI

Line 2: -128

Line 3: 1125 A 04

Line 4: CYP 632770

Line 5: PHI

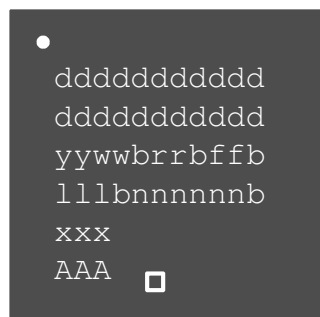


Reference: 37-00001, Figure 58

# QFN 88 (8x8mm)



## Using Gold (Au) Wire



Lines 1 – 4: 11 characters per line

1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number

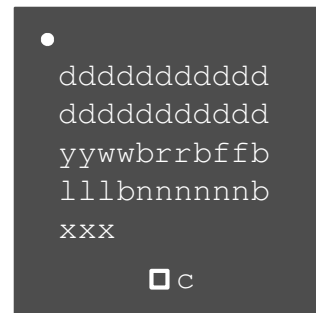
3<sup>rd</sup> line is the date code, backend revision and fab site

4<sup>th</sup> line is 'CYP' and lot code

5<sup>th</sup> line (3 characters) is COO

6<sup>th</sup> line (3 characters) is the strip ID applicable only for CML Autoline Assembled

## Using Copper (Cu) Wire



Lines 1 – 4: 11 characters per line

1<sup>st</sup> and 2<sup>nd</sup> line is the marketing part number

3<sup>rd</sup> line is the date code, backend revision and fab site

4<sup>th</sup> line is 'CYP' and lot code

5<sup>th</sup> line (3 characters) is COO

6<sup>th</sup> line (3 characters) is the strip ID applicable only for CML Autoline Assembled

The 'C' beside the square mark (Pb-Free mark) denotes the use of copper wire.

### Example:

Part Number: CY8CTMA884LTI-13

Line 1: CY8CTMA884L

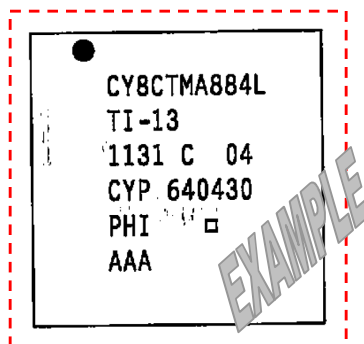
Line 2: TI-13

Line 3: 1131 C 04

Line 4: CYP 640430

Line 5: PHI

Line 6: AAA



Reference: 37-00001, Figure 59

# WLCSP30 (1.85 x 2.31mm)



## Using Gold (Au) Wire



1<sup>st</sup> and 2<sup>nd</sup> line (3 characters)  
is the marketing part number

3<sup>rd</sup> line (3 characters) is the  
date code – ‘yww’

4<sup>th</sup> line (4 characters)  
is the last 4 digit if lot code

---

### Example:

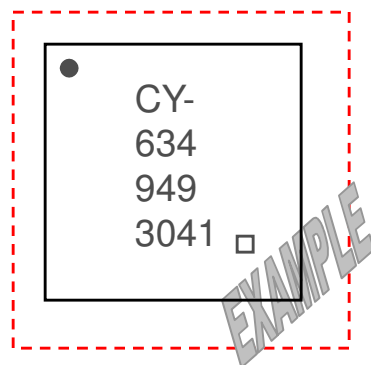
Part Number: CY8C20634-12FDXIT

Line 1: CY-

Line 2: 634

Line 3: 949

Line 4: 3041



Reference: 37-00001, Figure 109



# WLCSP30 (2.2 x 2.3mm)



## Using Gold (Au) Wire



1<sup>st</sup> and 2<sup>nd</sup> line (9 characters) is the marketing part number

3<sup>rd</sup> line (9 characters) is the remaining part number and the date code

4<sup>th</sup> line (4 characters) is the backend revision fn fab site.

5<sup>th</sup> line (6 characters) is the lot code

### Example:

Part Number: CY8C20767-24FDXCT

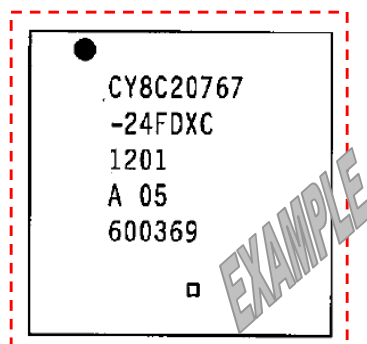
Line 1: CY8C20767

Line 2: -24FDXC

Line 3: 1201

Line 4: A 05

Line 5: 600369



Reference: 37-00001, Figure 121

# WLCSP49 (3.2 x 3.2 mm)



## Using Gold (Au) Wire



Line 1 – 3 (10 characters) is the marketing part number

4<sup>th</sup> line (8 characters) is the COO and datecode

5<sup>th</sup> line (6 characters) is the lot code

### Example:

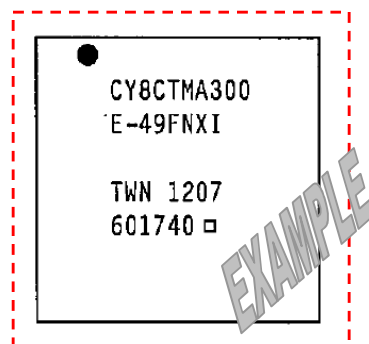
Part Number: CY8CTMA300E-49FNXI

Line 1: CY8CTMA300

Line 2: E-49FNXI

Line 3: TWN 1207

Line 4: 601740



### Note:

1. First three lines will be mark with Marketing Part numbers only. If Marketing Part number exceeds 10 characters, Mark only the first 10 characters of the marketing part number. Ignore splitting and wrap first 10 characters over the first three lines.

Reference: 37-00001, Figure 120

# WLCSP 49 and 60 (3.7x3.8mm) WLCSP 34 (2.495x2.44mm), DFN 14 (2.5x3.5mm)



## Using Gold (Au) Wire



Line 1 – 3 (10 characters) is the marketing part number

4<sup>th</sup> line (8 characters) is the COO and datecode

5<sup>th</sup> line (4 characters) is the backend revision and fab site

6<sup>th</sup> line (6 characters) is the lot code

# No Example Available

Reference: 37-00001, Figure 122

# WLCSP81 and WLCSP131



## Using Gold (Au) Wire



1<sup>st</sup> line (4 characters) is the marketing part number

2<sup>nd</sup> line (6 characters) is the marketing part number

3<sup>rd</sup> line (6 characters) is the date code and the first digit of the lot code

4<sup>th</sup> line (4 characters) is the last 4 digit if lot code

## Using Copper (Cu) Wire



1<sup>st</sup> line (4 characters) is the marketing part number

2<sup>nd</sup> line (6 characters) is the marketing part number

3<sup>rd</sup> line (6 characters) is the date code and the first digit of the lot code

4<sup>th</sup> line (4 characters) is the last 4 digit if lot code

The 'C' beside the square mark (Pb-Free mark) denotes the use of copper wire.

### Example:

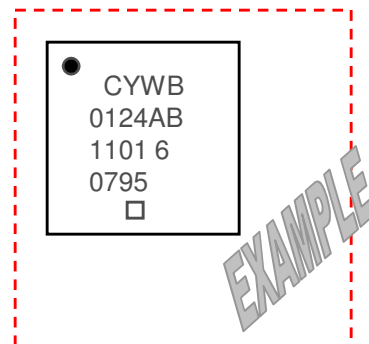
Part Number: CYWB0124ABX-FDXIT

Line 1: CYWB

Line 2: 0124AB

Line 3: 1101 6

Line 4: 0795



### Note:

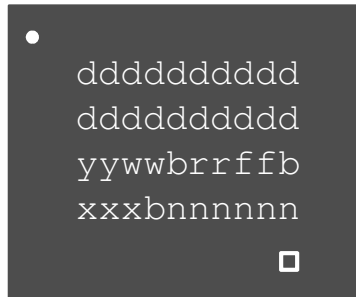
1. First two lines will be mark with Marketing Part numbers only. If Marketing Part number exceeds 10 characters, Mark only the first 10 characters of the marketing part number. Ignore splitting and wrap first 10 characters over the first two lines.

Reference: 37-00001, Figure 55

# WLCSP35, WLCSP60 and WLCSP72



## Using Gold (Au) Wire



1<sup>st</sup> line (10 characters) is the marketing part number

2<sup>nd</sup> line (10 characters) is the marketing part number

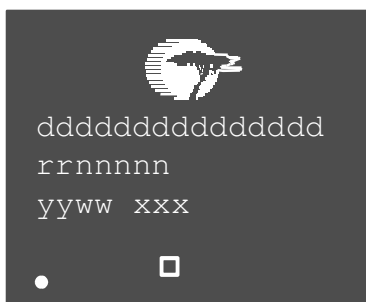
3<sup>rd</sup> line (10 characters) is the date code , backend part and Fab location

4<sup>th</sup> line (10 characters) is the country of origin, and mark lot number

**No Example Available**

Reference: 37-00001  
Figure 127

# FRAM - FBGA 48



Line 1: Marketing Part Number

Line 2: **rrnnnnn**

where:

**rr** – BE Part rev Code (can be 1 or 2 characters)

**nnnnnn** – Cy assembly lot#

Line 3: **yyww** - Date Code, **xxx** – Country of origin

---

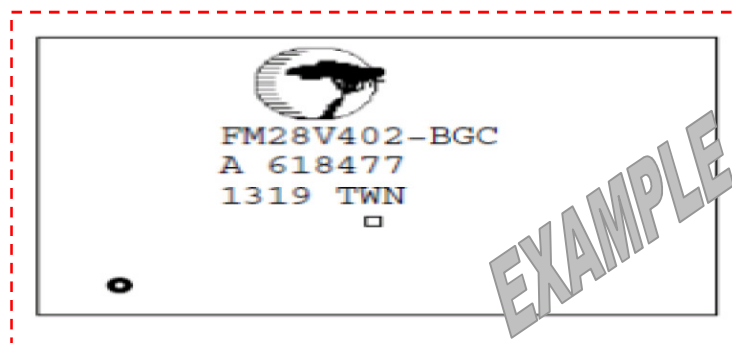
## Example:

Part Number: FM28V402-BGC

Line 1: FM28V402-BGC

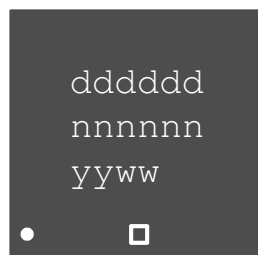
Line 2: A 618477

Line 3: C 1319 TWN



Reference: 37-00001, Figure 50  
PIN135228

# FRAM - DFN 8



Line 1: Truncated Marketing Part Number

Line 2: **nnnnnn** - Cy assembly lot#

Line 3: **yyww** - Date Code

➤ 3x3mm 8 lead TDFN will NOT have square mark

---

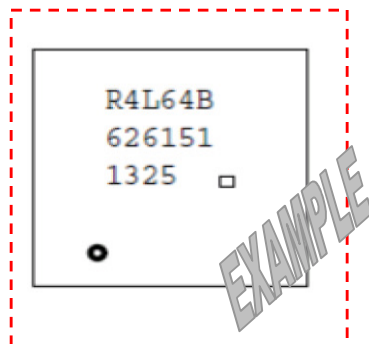
## Example:

Part Number: FM24CL64B-DG

Line 1: R4L64B

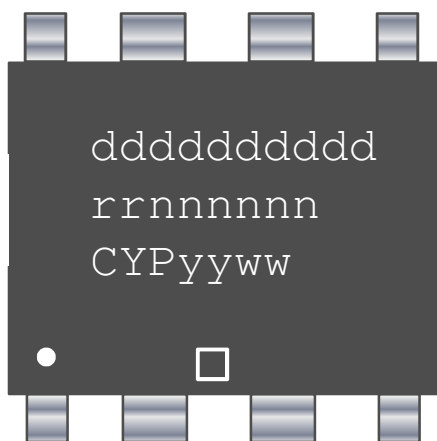
Line 2: 626151

Line 3: 1325



Reference: 37-00001, Figure 48, 52  
PIN135228

# FRAM - PDIP8



Line 1: Marketing Part Number

Line 2: rrnnnnnn

where:

rr - BE Part Rev Code (can be 1 or 2 characters)

nnnnnn - Cy assembly lot#

Line 3: CYPyyww

where:

CYP – Cypress

yyww- Date Code

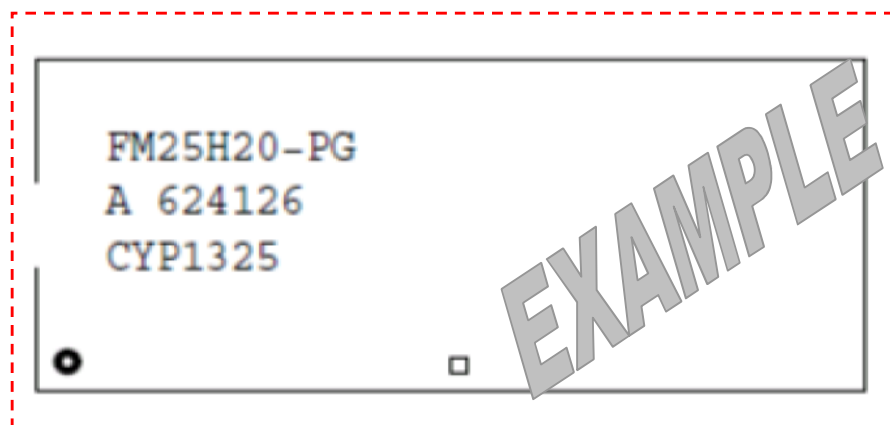
## Example:

Part Number: FM25H20-PG

Line 1: FM25H20-PG

Line 2: A 624126

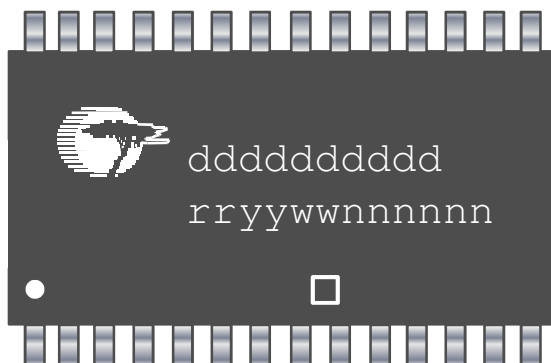
Line 3: CYP1325



Reference: 37-00001, Figure 1A  
PIN135228



# FRAM- PDIP 28



Line 1: Marketing Part Number

Line 2: rrYYWWnnnnnn

where:

rr - BE Part Rev Code (can be 1 or 2 characters)

yyww - Date Code

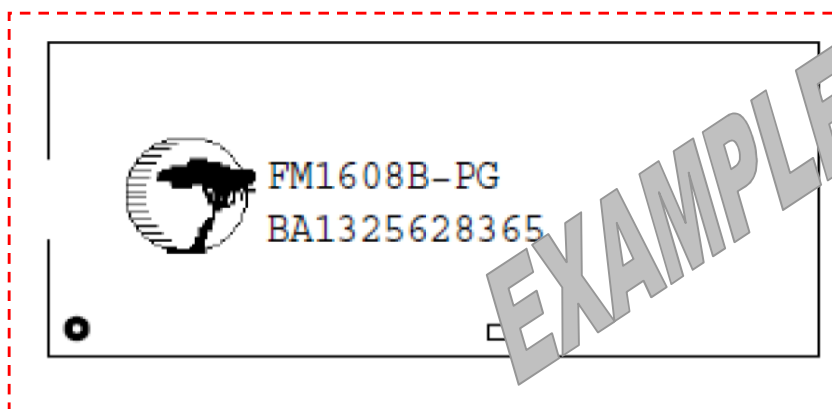
nnnnnn - Cy assembly lot#

## Example:

Part Number: FM1608B-PG

Line 1: FM1608B-PG

Line 2: BA1325628365



Reference: 37-00001, Figure 3A  
PIN135228

# FRAM 8-EIAJ



Row1: Marketing Part Number

Row2: **rrnnnnnn**

where:

**rr**-BE Part rev Code (can be 1 or 2 characters)

**nnnnnn** - Cy assembly lot#

Row3: **CYPyyww**

where:

**CYP** – Cypress

**yyww** - Date Code

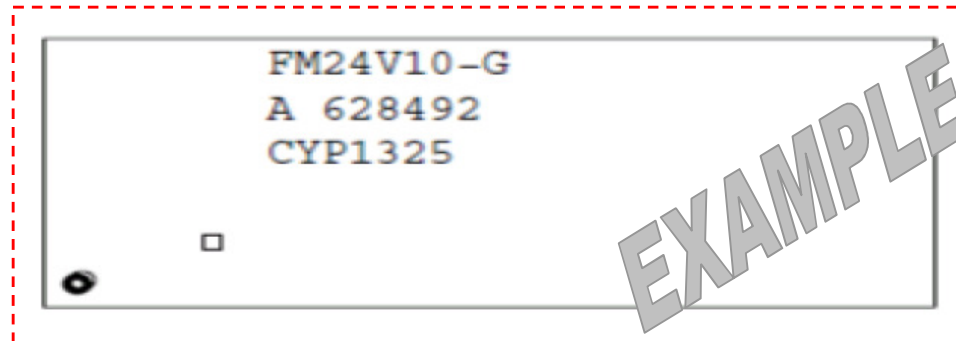
**Example:**

Part Number: FM24V10-G

Line 1: FM24V10-G

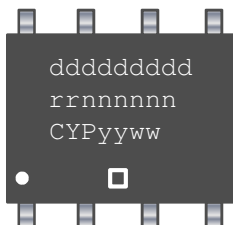
Line 2: A 628492

Line 3: CYP1325



Reference: 37-00001, Figure 45A  
PIN135228

# FRAM - SOIC8



Line 1: Marketing Part Number

Line 2: **rrnnnnnn**

where:

**rr** - BE Part Rev Code (can be 1 or 2 characters)

**nnnnnn**- Cy assembly lot# n

Line 3: **CYPyyww**

where:

**CYP** – Cypress

**yyww**- Date Code

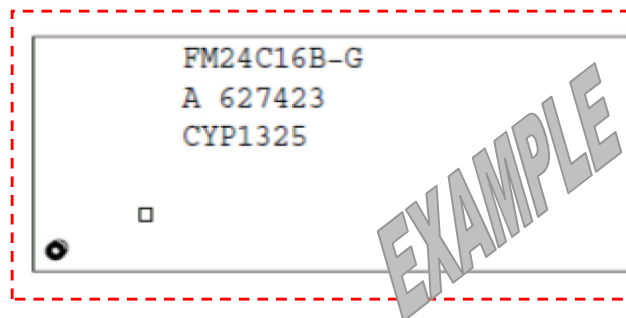
**Example:**

Part Number: FM24C16B-G

Line 1: FM24C16B-G

Line 2: A 627423

Line 3: CYP1325



Reference: 37-00001, Figure 50  
PIN135228

# FRAM - SOIC14



Line 1: Marketing Part Number

Line 2: rrnnnnnn

where:

**rr** - BE Part Rev Code (can be 1 or 2 characters)

**nnnnnn** - Cy assembly lot#

Line 3: CYP yyww xxx

where:

**CYP** - Cypress

**yyww** - Date Code

**xxx** - Country of origin

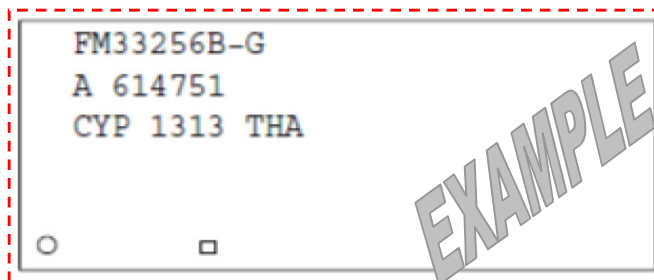
**Example:**

Part Number: FM33256B-G

Line 1: FM33256B-G

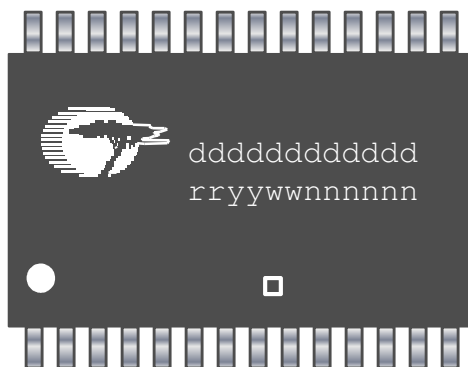
Line 2: A 614751

Line 3: CYP 1313 THA



Reference: 37-00001, Figure 33  
PIN135228

# FRAM - SOIC28



Line 1: Marketing Part Number

Line 2: rryywwnnnnnn

where:

rr - BE Part Rev Code (can be 1 or 2 characters)

yyww – Date Code

nnnnnn- Cy assembly lot#

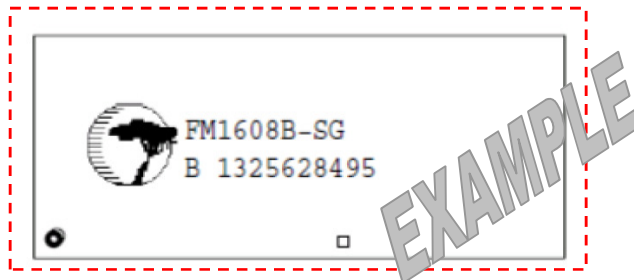
---

**Example:**

Part Number: FM1608B-SG

Line 1: FM1608B-SG

Line 2: B 1325628495



Reference: 37-00001, Figure 6A  
PIN135228

# FRAM - TSOP II 44



Line 1: Marketing Part Number

Line 2: **rrnnnnnn**

where:

**rr**-BE Part rev Code (can be 1 or 2 characters)

**nnnnnn** - Cy assembly lot

Row3: **yyww xxx**

where:

**yyww** – Date Code

**xxx** – Country of origin

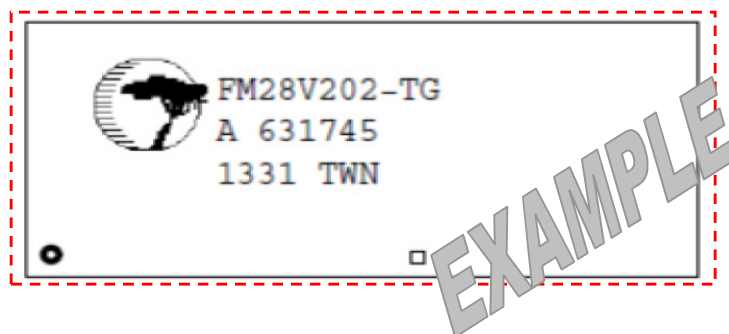
**Example:**

Part Number: FM28V202-TG

Line 1: FM28V202-TG

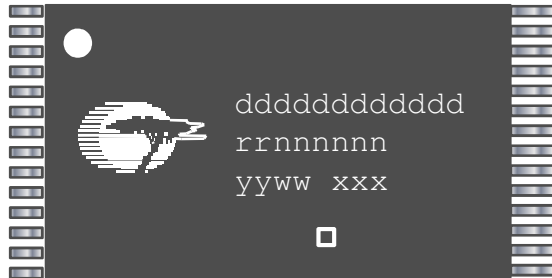
Line 2: A 631745

Line 3: 1331 TWN



Reference: 37-00001, Figure 7A  
PIN135228

# FRAM TSOP I 28 AND TSOP I 32



Line 1: Marketing Part Number

Line 2: **rrnnnnnnn**

where:

**rr** – BE Part rev Code (can be 1 or 2 characters)

**nnnnnn** – Cy assembly lot#

Line 3: **yyww xxx**

where:

**yyww** – Date Code

**xxx** – Country of origin

---

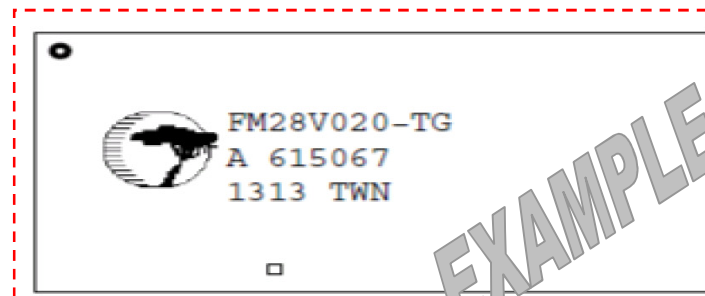
## Example:

Part Number: FM28V020-TG

Line 1: FM28V020-TG

Line 2: A 615067

Line 3: 1313 TWN



Reference: 37-00001, Figure 37  
PIN135228

# MARKING FORMAT

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**END**



# HISTORY PAGE



Revision	Owner	Description of Change
**	HLR	Initial Release of Standard Marking Format on web. This shows one format for all package codes.
Rev. 1	LMAG	Created a brochure for the marking format. This includes several packages. (Old Brochure)
Rev. 2	JARG	Change Figure number to Page number on the table of content. (Old Brochure)
Rev. 3	JARG	Major Change on the Brochure <ul style="list-style-type: none"> <li>➤ Updated the marking format into a customer-friendly format</li> <li>➤ Update the list of a marking format per package</li> <li>➤ Create distinction between Au and Cu wire-bonded parts marking format.</li> <li>➤ Updated marking format based on 37-00001 Rev. GV.</li> </ul>
Rev. 4	JARG	<ol style="list-style-type: none"> <li>Added the changes on Ramtron Marking Format as per PIN135228 <ul style="list-style-type: none"> <li>➤ Slides Numbers: 60 to 69</li> <li>➤ The changes made is in reference with PIN135228 and spec 37-00001 revision GZ</li> </ul> </li> <li>Added "(7x7mm)" for QFN48 <ul style="list-style-type: none"> <li>➤ Slide Number: 50</li> </ul> </li> </ol>
Rev. 5	JARG	<ol style="list-style-type: none"> <li>Combined slides 33 and 34 from <a href="#">previous revision</a>. As per 37-00001, they have the same marking format (Figure 23)</li> <li>Indicate the complete package description (ex. BGA165, BGA209, etc.) and <b>NOT</b> Package Codes (ex. BW0AC, BW0AD, etc.) on slides 33-34.</li> <li>Update marking format on slide 33 as per 37-00001 (Figure 23).</li> <li>Provide marking examples on slide 33 for ASE Taiwan and CML Philippines assembled.</li> </ol>
Rev. 6	JARG	<ol style="list-style-type: none"> <li>Added Slide 40 for VFBGA60 (BU60A) and VFBGA70 (BU70A). This is in reference to 37-00001 revision HB, Figure 56</li> <li>Added History Page on the last page of the brochure.</li> </ol>

# HISTORY PAGE



Revision	Owner	Description of Change
Rev. 7	JARG	<ol style="list-style-type: none"><li>1. Updated Slide 38 title from BGA 36 – BGA48 to BGA36, BGA38, BGA60 AND BGA121</li><li>2. Added Example 2 for BGA121 package</li></ol>
Rev. 8	HLR	<ol style="list-style-type: none"><li>1. Changed RAMTRON name to FRAM.</li><li>2. Added the marking format for uFBGA 48.</li></ol>
Rev. 9	HLR	Corrected the position of leads for FRAM- TSOP1 28L and TSOP1 32L
Rev. 10	HLR	Added the marking format for 60 balls WLCSP and 35 balls WLCSP based on Fig. 127. Added 34 balls WLCSP and 14L DFN based on Fig. 122.