

CYPRESS SEMICONDUCTOR

PRODUCT CHANGE NOTIFICATION

PCN:010020 Update

DATE: June 11, 2001

Subject: This is an extension to PCN990021. Update

To:

PURPOSE OF UPDATE:

The update is to extend this PCN to the "V" package that was excluded from the original PCN010020.

Additional Cypress Part Numbers:

| CYPRESS PART # | CYPRESS PART # | CYPRESS PART # | CYPRESS PART # |
|----------------|--------------------|--------------------|----------------|
| CG4907BTT | CY7C1021-20VC | CY7C1049L-17VC | CY7C185-15VI |
| CG5101EMT | CY7C1021-20VCT | CY7C1049L-17VCT | CY7C185-15VIT |
| CG5111AF | CY7C1021B-12VC | CY7C1049L-17VI | CY7C185-20VC |
| CG5111AFT | CY7C1021B-12VCT | CY7C1049L-20VC | CY7C185-20VCT |
| CG5113AFT | CY7C1021B-12VI | CY7C1049L-20VI | CY7C185-20VI |
| CG5122CFT | CY7C1021B-15VC | CY7C1049L-25VC | CY7C185-20VIT |
| CG5143AF | CY7C1021B-15VCT | CY7C1049L-25VCT | CY7C185-25VC |
| CG5143AFT | CY7C1021B-15VI | CY7C1049L-25VI | CY7C185-25VCT |
| CG5160BFT | CY7C1021B-15VIT | CY7C1049V33-15VC | CY7C185-25VI |
| CG5430ATT | CY7C1021BV33-10VC | CY7C1049V33-15VCT | CY7C185-25VIT |
| CG5507AT | CY7C1021BV33-10VCT | CY7C1049V33-17VC | CY7C185-35VC |
| CG5622AFT | CY7C1021BV33-12VC | CY7C1049V33-20VC | CY7C185-35VCT |
| CG5624AT | CY7C1021BV33-12VCT | CY7C1049V33-20VVCT | CY7C185-35VI |
| CG5624ATT | CY7C1021BV33-12VI | CY7C1049V33-20VVI | CY7C185-35VIT |
| CG5716AFT | CY7C1021BV33-15VC | CY7C1049V33-20VVIT | CY7C187-15VC |
| CS3620AFT | CY7C1021BV33-15VCT | CY7C1049V33-25VC | CY7C187-15VCT |
| CS3715BFT | CY7C1021BV33-15VCT | CY7C1049V33-25VCT | CY7C187-20VC |
| CS3909BFT | CY7C1021BV33-15VIT | CY7C1049V33-25VI | CY7C187-20VCT |
| CS4292BFT | CY7C1021BV33L-15VC | CY7C1049V33L-17VC | CY7C187-25VC |
| CS4536CMT | CY7C1021V33-10VC | CY7C1049V33L-17VCT | CY7C187-25VCT |
| CS4542AMT | CY7C1021V33-10VCT | CY7C106A-15VC | CY7C187-35VC |
| CS4577BFT | CY7C1021V33-12VC | CY7C106A-15VCT | CY7C187-35VCT |
| CS4579BFT | CY7C1021V33-12VCT | CY7C106A-20VC | CY7C188-15VC |
| CS4852DFT | CY7C1021V33-12VI | CY7C106A-20VCT | CY7C188-15VCT |
| CS4853DFT | CY7C1021V33-12VIT | CY7C106A-25VC | CY7C188-20VC |
| CS4853EF | CY7C1021V33-15VC | CY7C106A-25VCT | CY7C188-20VCT |
| CS4853EFT | CY7C1021V33-15VCT | CY7C106A-35VC | CY7C188-25VC |

May, 1999

CYPRESS SEMICONDUCTOR

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|-----------------|---------------------|------------------|----------------|
| CS4951CMT | CY7C1021V33-15VI | CY7C106A-35VCT | CY7C188-25VCT |
| CS5065CF | CY7C1021V33-15VIT | CY7C106B-12VC | CY7C188-35VC |
| CS5065CFT | CY7C1041-15VC | CY7C106B-12VCT | CY7C188-35VCT |
| CS5065DFT | CY7C1041-15VCT | CY7C106B-15VC | CY7C192-12VCT |
| CS5107AFT | CY7C1041-17VC | CY7C106B-15VCT | CY7C192-15VC |
| CS5153CMT | CY7C1041-17VCT | CY7C106B-20VC | CY7C192-15VCT |
| CS5211BMT | CY7C1041-17VI | CY7C106B-20VCT | CY7C192-25VC |
| CS5242AM | CY7C1041-20VC | CY7C106B-25VC | CY7C192-25VCT |
| CS5242BM | CY7C1041-20VCT | CY7C106B-25VCT | CY7C194-12VC |
| CS5309AMT | CY7C1041-20VI | CY7C107-15VC | CY7C194-15VC |
| CS5427AFT | CY7C1041-20VIT | CY7C107-15VCT | CY7C194-15VCT |
| CS5554AFT | CY7C1041-25VC | CY7C107-25VCT | CY7C194-20VC |
| CS5662ATT | CY7C1041-25VI | CY7C107B-15VC | CY7C194-20VCT |
| CS5670AFT | CY7C1041B-12VC | CY7C107B-15VCT | CY7C194-25VC |
| CS5705AAT | CY7C1041B-12VCT | CY7C107B-15VI | CY7C194-25VCT |
| CY7C1006-12VCT | CY7C1041B-15VC | CY7C107B-25VC | CY7C194-35VC |
| CY7C1006-15VC | CY7C1041B-15VCT | CY7C109-12VC | CY7C194-35VCT |
| CY7C1006-15VCT | CY7C1041B-15VI | CY7C109-12VCT | CY7C194-45VCT |
| CY7C1006-15VCTQ | CY7C1041B-15VIT | CY7C109-15VC | CY7C195-12VC |
| CY7C1006-20VC | CY7C1041B-17VI | CY7C109-15VCT | CY7C195-12VCT |
| CY7C1006-20VCT | CY7C1041B-20VC | CY7C109-15VI | CY7C195-15VC |
| CY7C1006B-15VC | CY7C1041B-20VCT | CY7C109-20VC | CY7C195-15VCT |
| CY7C1006B-15VCT | CY7C1041B-20VI | CY7C109-20VCT | CY7C195-20VC |
| CY7C1006B-15VIT | CY7C1041B-20VIT | CY7C109-20VI | CY7C195-20VCT |
| CY7C1007-12VC | CY7C1041BL-25VC | CY7C109-20VIT | CY7C197-12VC |
| CY7C1007-15VC | CY7C1041BV33-12VC | CY7C109-20VIT | CY7C197-12VCT, |
| CY7C1007-15VCT | CY7C1041BV33-12VCT | CY7C109-25VC | CY7C197-15VC |
| CY7C1007-25VCT | CY7C1041BV33-15VC | CY7C109-25VC VCT | CY7C197-15VCT, |
| CY7C1009-12VC | CY7C1041BV33-15VCT | CY7C109-25VC VIT | CY7C197-20VC |
| CY7C1009-12VCT | CY7C1041BV33-15VI | CY7C109-35VC | CY7C197-20VCT, |
| CY7C1009-15VC | CY7C1041BV33-15VIT | CY7C109-35VCT | CY7C197-25VC |
| CY7C1009-15VCT | CY7C1041BV33-20VC | CY7C109-35VI | CY7C197-25VCT, |
| CY7C1009-15VI | CY7C1041BV33L-15VCT | CY7C109B-12VC | CY7C197-35VC |
| CY7C1009-15VIT | CY7C1041L-17VC | CY7C109B-12VCT | CY7C197-35VCT, |
| CY7C1009-15VITQ | CY7C1041L-20VC | CY7C109B-15VC | CY7C197-35VCT, |
| CY7C1009-20VC | CY7C1041V33-15VC | CY7C109B-15VCT | CY7C197-45VCT, |
| CY7C1009-20VCT | CY7C1041V33-15VCT | CY7C109B-15VI | CY7C199-10VC |
| CY7C1009-20VIT | CY7C1041V33-15VI | CY7C109B-15VIT | CY7C199-10VCT, |
| CY7C1009-25VC | CY7C1041V33-15VIT | CY7C109B-20VC | CY7C199-12VC |
| CY7C1009-25VCT | CY7C1041V33-17VC | CY7C109B-20VCT | CY7C199-12VCT |
| CY7C1009B-12VC | CY7C1041V33-20T | CY7C109B-20VI | CY7C199-12VI |
| | | CY7C109B-20VIT | CY7C199-12VIT, |

May, 1999

CYPRESS SEMICONDUCTOR

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PCN:010020 Update

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| CYPRESS PART # | CYPRESS PART # | CYPRESS PART # | CYPRESS PART # |
|--------------------|--------------------|-------------------|-----------------|
| CY7C1009B-12VCT | CY7C1041V33-20VC | CY7C109B-25VC | CY7C199-15VC |
| CY7C1009B-15VC | CY7C1041V33-25VC | CY7C109B-25VCT | CY7C199-15VCT |
| CY7C1009B-15VCT | CY7C1046B-15VC | CY7C109B-35VC | CY7C199-15VI |
| CY7C1009B-15VI | CY7C1046B-15VCT | CY7C109B-35VCT | CY7C199-15VIT, |
| CY7C1009B-15VIT | CY7C1046B-20VC | CY7C109BL-15VCT | CY7C199-20VC |
| CY7C1009B-20VC | CY7C1046BV33-15VC | CY7C109L-1515VI | CY7C199-20VCT |
| CY7C1009B-20VCT | CY7C1046BV33-15VCT | CY7C109L-15VC | CY7C199-20VI |
| CY7C1009L-15VC | CY7C1049-15VC | CY7C109L-15VCT | CY7C199-20VIT |
| CY7C1009V33-20VC | CY7C1049-15VCT | CY7C109L-15VIQ | CY7C199-25VC |
| CY7C1009V33-20VCT | CY7C1049-17CT | CY7C109L-15VIT | CY7C199-25VCT |
| CY7C1018V33-12VC | CY7C1049-17I | CY7C109L-15VITQ | CY7C199-25VCTQ |
| CY7C1018V33-12VCT | CY7C1049-17IT | CY7C128A-15VC/VCT | CY7C199-25VI |
| CY7C1018V33-15VC | CY7C1049-17VC | CY7C128A-20VC | CY7C199-25VIT |
| CY7C1019-12VC | CY7C1049-20VC | CY7C128A-20VCT | CY7C199-35VC |
| CY7C1019-12VCT | CY7C1049-20VCT | CY7C128A-25CT | CY7C199-35VCT |
| CY7C1019-15VC | CY7C1049-20VI | CY7C128A-25VC | CY7C199-35VI |
| CY7C1019-15VCQ | CY7C1049-20VIT | CY7C128A-35VC | CY7C199-35VIT |
| CY7C1019-15VCT | CY7C1049-25VC | CY7C128A-35VCT | CY7C199-45VC |
| CY7C1019B-12VC | CY7C1049-25VCT | CY7C128A-45VCT | CY7C199-45VCT |
| CY7C1019B-15VCT | CY7C1049-25VI | CY7C128A-55VCT | CY7C199-45VI |
| CY7C1019BV33-10VC | CY7C1049-25VIT | CY7C1399-12VC | CY7C199-45VIT, |
| CY7C1019BV33-10VCT | CY7C1049B-12VC | CY7C1399-12VCT | CY7C199L-12VCT, |
| CY7C1019BV33-10VCT | CY7C1049B-12VCT | CY7C1399-15VC | CY7C199L-15VC |
| CY7C1019BV33-12VC | CY7C1049B-15VC | CY7C1399-15VCT | CY7C199L-15VCT |
| CY7C1019BV33-12VCT | CY7C1049B-15VCT | CY7C1399-15VI | CY7C199L-15VI |
| CY7C1019BV33-15VC | CY7C1049B-15VI | CY7C1399-15VIT | CY7C199L-15VIT, |
| CY7C1019BV33-15VCT | CY7C1049B-17VC | CY7C1399-20VC | CY7C408A-15VC, |
| CY7C1019BV33-15VIT | CY7C1049B-17VCT | CY7C1399-20VCT | CY7C409A-35VC |
| CY7C1019V33-10VC | CY7C1049B-20VC | CY7C1399-20VI | CY7C409A-35VCT, |

CYPRESS SEMICONDUCTOR

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|-------------------|---------------------|-----------------|----------------|
| CY7C1019V33-12VC | CY7C1049B-20VC | CY7C1399-20VIT | CY7C419-10VC, |
| CY7C1019V33-12VCT | CY7C1049B-20VCT | CY7C1399L-12VC | CY7C419-15VC |
| CY7C1019V33-15VC | CY7C1049B-20VCT | CY7C1399L-15VC | CY7C419-15VCT, |
| CY7C1019V33-15VCT | CY7C1049B-20VI | CY7C1399L-15VCT | CY7C421-10VC, |
| CY7C1019V33-15VI | CY7C1049B-20VI | CY7C1399VL-15VC | CY7C421-15VI, |
| CY7C1019V33L-12VC | CY7C1049B-20VIT | CY7C164-15VC | CY7C421-20VC, |
| CY7C1019V33L-15VC | CY7C1049BL-17VC | CY7C164-15VCT | CY7C421-25VC |
| CY7C1020-10VC | CY7C1049BL-17VCT | CY7C164-20VC | CY7C421-25VCT, |
| CY7C1020-12VC | CY7C1049BL-20VC | CY7C164-25VC | CY7C421-40VC, |
| CY7C1020-12VCT | CY7C1049BL-25VC | CY7C164-25VCT | CY7C425-10VC, |
| CY7C1020-15VC | CY7C1049BV33-12VC | CY7C166-15VC | CY7C425-20VC |
| CY7C1020V33-12VC | CY7C1049BV33-12VCT | CY7C166-15VCT | CY7C425-20VCT, |
| CY7C1020V33-15VC | CY7C1049BV33-12VCT | CY7C166-20VC | CY7C425-30VC |
| CY7C1020V33L-12VC | CY7C1049BV33-12VI | CY7C166-20VCT | CY7C425-30VI |
| CY7C1021-12VC | CY7C1049BV33-12VI | CY7C166-25VC | CY7C425-30VIT, |
| CY7C1021-12VCT | CY7C1049BV33-12VIT | CY7C166-25VCT | CY7C429-20VC, |
| CY7C1021-12VI | CY7C1049BV33-15VC | CY7C182-25VC | CY7C429-25VC |
| CY7C1021-12VIT | CY7C1049BV33-20VC | CY7C182-25VCT | CY7C429-30VC, |
| CY7C1021-15VC | CY7C1049BV33-20VCT | CY7C182-35VC | CY7C433-10VC |
| CY7C1021-15VCT | CY7C1049BV33-20VI | CY7C182-35VCT | CY7C433-25VC |
| CY7C1021-15VI | CY7C1049BV33-20VIT | CY7C185-15VC | CY7C433-25VCT. |
| CY7C1021-15VIT | CY7C1049BV33L-15VCT | CY7C185-15VCT | |

CYPRESS SEMICONDUCTOR

PRODUCT CHANGE NOTIFICATION

PCN:010020 UPDATE

Date: June 8, 2001

Subject: This is an extension to PCN990021. **UPDATE**

Description of changes:

Cypress has previously qualified mold compound 6600HR via QTP 99101. Customer notification was through publication of PCN 990021. Cypress is amending PCN99021 to extend coverage to include lead counts up to 56. There is no risk associated with this extension because the body size is the same, as are the materials (only lead count and pitch differ). Additional part numbers are included due to increase in lead count. Qualification #010609, 99101 and PCN990021 letter are attached for reference.

All packages will be moisture Level 1 compliant per Jedec 20

Cypress part numbers affected:

CG5501AM*, CG5504AM*, CG5516AM*, CG5588AM*, CG5720AM*, CP5189AM*, CP5189AMT, CP5250AM*, CP5264AM*, CP5276AMT, CP5417AM*, CP5417BM*, CP5417CM*, CP5419AM*, CP5419BMT, CP5452CM*, CP5463AM, CP5463AMT, CP5483AMT, CP5498AM*, CP5517AM*, CP5517AMT, CP5519AM*, CP5519AMT, CP5521AM*, CP5530AMT, CP5549BMT, CP5550AM*, CP5562BM*, CP5565AM*, CP5568AMT, CP5572AMT, CP5573AM*, CP5574AM*, CP5576AMT, CP5584AMT, CP5592AMT, CP5599AM*, CP5601AMT, CP5602AMT, CP5604AMT, CP5605AMT, CP5607AMT, CP5609AMT, CP5629AM*, CP5629BM*, CP5632AM*, CP5641AMT*, CP5651AM*, CP5653AM*, CP5656AM*, CP5661AM*, CP5697AM*, CP5721AMT*, CP5722AM*, CP5737AM*, CP5742AM*, CY2210PVC-2*, CY2210PVC-3*, CY2210PVC-4*, CY2219PVC-1*, CY2220PVC-1*, CY2273APVC-1*, CY2273APVC-4*, CY2277APVC-1*, CY2277APVC-12*, CY2277APVC-3*, CY2277APVI-12*, CY2280PVC-1*, CY2280PVC-11S*, CY2280PVC-14S*, CY2280PVC-21S*, CY2287PVC-1*, CY2291F*, CY2291FI*, CY2291SC-104*, CY2291SC-161*, CY2291SC-167*, CY2291SC-181*, CY2291SC-197*, CY2291SC-204*, CY2291SC-225T, CY2291SC-257*, CY2291SC-277*, CY2291SC-303*, CY2291SI-317*, CY2291SL-203*, CY2291SL-230*, CY2291SL-237T, CY2291SL-298*, CY2291SL-307*, CY2291SL-321*, CY2291SL-322*, CY22K7PVC-1*, CY2318ANZPVC-11*, CY28301PVC*, CY7C63000A-SC*, CY7C63001A-SC*, CY7C63100A-SC*, CY7C63101A-SC*, CY7C63231A-SC*, CY7C63411-PVC*, CY7C63412-PVC*, CY7C63413-PVC*, CY7C63413-PVCT, CY7C63511-PVC*, CY7C63512-PVC*, CY7C63513-PVC*, CY7C63612-SC*, CY7C63613-SC*, CY7C63722-SC*, CY7C63723-SC*, CY7C63742-SCT, CY7C63743-SCT, CY7C64113-PVC*, CY7C65013-PVC*, CY7C65640-PVC*, CY7C66013-PVC*, CY7C66113-PVC*, W126H*, W127H*, W130H*, W133H*, W144BH*, W144H*, W147GH*, W149H*, W150H*, W153BH*, W153FH*, W154H*, W156CH*, W156H*, W158H*, W159BH*, W159H*, W161H*, W167BH*, W177H*, W178H*, W179H*, W190H*, W195BH*, W204H*, W207BH*, W208DH*, W209CH*, W210H*, W211BH*, W218H*, W219BH*, W224BH*, W225H*, W228BH*, W229BH*, W230-03H*, W230H*, W233H*, W238H*, W250-03*, W250-03H*, W255H*, W40S01-04H*, W48C101-01H*, W48C55A-61G*, W48S101-04H*, W48S87-34AH*, W48S87-72H*, W49C65-01H*

CYPRESS SEMICONDUCTOR

PRODUCT CHANGE NOTIFICATION

PCN:010020 **UPDATE**

DATE: June 11, 2001

Subject: : This is an extension to PCN990021. **UPDATE**

Customer part numbers affected:

Benefit of change:

Improved cycle time which results in better availability.

Qualification status:

QTP 010609, 99101 and PCN990021 letter are attached

Sample status:

Samples are available through your sales office.

Approximate Implementation Date:

Due to the current market industry condition Cypress Semiconductor must implement on Date Code 0120.

Response Required:

Because there is no risk in extending the coverage up to 56 leads due to the similarity of the package, response is not required.

PCN Sent to:

Company:

For any additional information regarding this change, contact your local sales representative or by email at pcn_adm@cypress.com.

Sincerely,

Michael Burke
Director of Quality