

HIPRO ELECTRONICS(Dongguan) COMPANY LIMITED

NO.: D200508056

| | | |
|---|--|--------------------------|
| TYPE OF CHANGING: (X ONE) | ATTACHMENT: (X) | DATE: 2005.8.20 |
| <input type="checkbox"/> PROCESS CHANGE NOTICE | <input type="checkbox"/> NON (EXCLUDE THIS PAGE) | ECN NO: |
| <input type="checkbox"/> COMPONENT REQUISITION | <input type="checkbox"/> SPEC | REV: 1 |
| <input checked="" type="checkbox"/> ENGINEERING CHANGE NOTICE | <input type="checkbox"/> CC:Mail ECN | MODEL/DOC NO.: I-ENG-111 |
| <input type="checkbox"/> QUALITY CHANGE NOTICE | <input type="checkbox"/> MEMO/ECR | CUSTOMER: |
| <input type="checkbox"/> B.O.M REQUISITION ONLY | <input checked="" type="checkbox"/> OTHER 3 | |

| | | | | |
|--------------------|---|--|---|---|
| CHANGE FOR REASON: | <input type="checkbox"/> NEW ISSUE | <input checked="" type="checkbox"/> UPDATE | <input type="checkbox"/> PRODUCTIVITY | <input type="checkbox"/> YIELD |
| | <input checked="" type="checkbox"/> IMPROVE | <input type="checkbox"/> QUALITY | <input type="checkbox"/> COST REDUCTION | <input type="checkbox"/> CUSTOMER REQUIREMENT |

| | | | | | | | |
|-----------------------------|----------------------------------|-----------------------------------|---|----|---------------|-------------|---------------|
| ENGINEERING CHANGING ITEMS: | <input type="checkbox"/> PROCESS | <input type="checkbox"/> MATERIAL | <input checked="" type="checkbox"/> PROCEDURE | | | | |
| PRESENT | | | NEW | | | | |
| NO | Part No | Description | Location Q'ty | NO | Part No | Description | Location Q'ty |
| | | | | | PCN變更管制作業流程 | | |
| | | | | | 1. 修改5.1流程圖 | | |
| | | | | | 2. 增加6.0 參考資料 | | |
| | | | | | 3. 刪除附件表單 | | |

DOCUMENT CENTER
2005 8. 31

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|------------------------|----------------------------------|
| DESCRIPTION: | ON HAND QTY &W/O EFFECTIVE:(PMC) |
| DATE OF EFFECTIVE:(IE) | SUPPLIER&ON DELIVERY QTY:(PUR) |

| | | | | | |
|-----------------------------------|-----------|------------|-----------|-------------------------|-----------|
| DISPOSITION OF PAST MATERIAL:(IE) | | | | | |
| Current material | | WIP | | F/G | |
| APPROVED | SIGNATURE | REVIEWED | SIGNATURE | PREPARED | SIGNATURE |
| DEPARTMENT | | DEPARTMENT | | DEPARTMENT | |
| MFG1 A | | MFG6 | | MFG9 IE | |
| MFG1 B | | MFG6 IE | | MFG9 PE | N/A |
| DT ENG | N/A | MFG6 PE | N/A | MFG9 ME | N/A |
| DT IE | | MFG6 ME | N/A | MFG9 TE | N/A |
| DT PE | N/A | MFG6 TE | N/A | IQC | N/A |
| DT ME | N/A | MFG1 QRA | N/A | SQA | N/A |
| DT TE | N/A | MFG6 QRA | N/A | PMC | N/A |
| MFG7 | | MFG7 QRA | N/A | PUR | N/A |
| MFG2 | | MFG9 QRA | N/A | SPECIAL Case Management | N/A |
| MFG2 ENG | N/A | DQA/OOBA | N/A | WAREHOUSE | N/A |
| MFG2 PMC | N/A | CE/DOC | N/A | ADM | N/A |
| MFG2 QRA | N/A | IPQC | N/A | MIS | N/A |
| MFG4 | N/A | MFG9 | | Factory Director Office | N/A |

[illegible]

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2005 8, 31

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TITLE : PCN變更管制作業流程

PAGE :1

TOTAL PAGES :3

| HIPRO Electronics Dongguan Co.,Ltd. | | DOCUMENT CENTER 2005.8.31 | DISTRIBUTED NUMBER: | | | | | | | | | |
|--|--|---|---------------------|-------|-----|-----|------------|------------|----------------|--|--|---|
| Specification | | | REVISION: 1 | | | | | | | | | |
| <p>1.目的：使任何制程變更(PC)皆能在有效的期限內正確完成,並滿足客戶的需求 PURPOSE:FINISHED PCN FOR PRODUCT CHANGE IN VALID TIME,TO MEET FULL CUSTOMER SATISFACTION</p> <p>2.適用範圍：本廠出產的產品 SCOPE:ALL PRODUCT OF HIPRO</p> <p>3.權責： RESPONSIBILITY:</p> <p>3.1 文管中心負責文件變更的保存及新文件的發行 DOC IS RESPONSIBLE FOR KEEPING THE DOCUMENTS OF CHANGE.</p> <p>3.2 工程確認並提出PCN ENGINEER VERIFY VALIDLY PCN,AND ISSUE PCN</p> <p>3.3 其它部門負責協辦 OTHERS DEPARTMENT IS SUPPORTING</p> <p>4.定義：DEFINTION 制程變更(PCN)不影響客戶規格及BOM之變更 當制程變更影響客戶規格及BOM之變更時,須發ECR給客人承認(參考ECN/ECR流程)</p> <p>5.內容：PROCEDURE:</p> <p>5.1 流程圖</p> <div><table><thead><tr><th>流 程 圖</th><th>單 位</th><th>權 責</th></tr><tr><th>FLOW CHART</th><th>DEPARTMENT</th><th>RESPONSIBILITY</th></tr></thead><tbody><tr><td><div>IE重新評估 PCN</div><div>制程IE 提出PCN PROCESS IE ISSUE PCN</div><div>IE 工程師確認 CHECKED BY IE</div><div>IE 課長確認 CHECKED BY IE</div><div>IPQC會簽 SINGNED BY MFG</div><div>MFG會簽 SINGNED BY MFG</div><div>發行到文管</div><div>接下頁</div></td><td>制程IE IE 工程師確認 IE 課長 IPQC MFG IE</td><td>根據制程或客戶要求，IE工程師提出PCN（制程變更單） BASE ON PROCESS OR CUSTOMER REQUIREMENT IE ISSUE PCN IE工程師確認此變更不能影響BOM及客戶規格 將PCN及W/I change List發行到文管</td></tr></tbody></table></div> | | | | 流 程 圖 | 單 位 | 權 責 | FLOW CHART | DEPARTMENT | RESPONSIBILITY | <div>IE重新評估 PCN</div> <div>制程IE 提出PCN PROCESS IE ISSUE PCN</div> <div>IE 工程師確認 CHECKED BY IE</div> <div>IE 課長確認 CHECKED BY IE</div> <div>IPQC會簽 SINGNED BY MFG</div> <div>MFG會簽 SINGNED BY MFG</div> <div>發行到文管</div> <div>接下頁</div> | 制程IE IE 工程師確認 IE 課長 IPQC MFG IE | 根據制程或客戶要求，IE工程師提出PCN（制程變更單） BASE ON PROCESS OR CUSTOMER REQUIREMENT IE ISSUE PCN IE工程師確認此變更不能影響BOM及客戶規格 將PCN及W/I change List發行到文管 |
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| 標題: PCN變更管制作業流程 | | 頁次: 2 | 文件編號: I-ENG-111 | | | | | | | | | |

FORM #: QRA 5021

流 程 圖

FLOW CHART

接下頁

單 位

DEPARTMENT

權 責

RESPONSIBILITY

DOC文件發行及存檔

文管中心

打印W/I,并將W/I發行到制造,另將PCN及W/I change list也發行到制造及IPQC,舊版文件文管回收,PCN原件留在DOC存檔

PCN執行

* MFG

負責PCN的執行

* IPQC

負責依據PCN及W/I change list,稽核產線使用之W/I是否為最新版

6 參考資料:

REFERENCE

6.1 I-ENG-53 ECN變更管制作業流程

6.2 I-ENG-110 W/I制作規範辦法