

HIPRO ELECTRONICS(Dongguan) COMPANY LIMITED

NO.:D200404013

TYPE OF CHANGING: (X ONE)		ATTACHMENT: (X)		DATE: 2004.4.5	
<input type="checkbox"/> COMPONENT REQUISITION	<input type="checkbox"/> NON (EXCLUDE THIS PAGE)	<input type="checkbox"/> SPEC	PAGE	ECN NO: I-ENG-109	
<input type="checkbox"/> ENGINEERING CHANGE NOTICE	<input checked="" type="checkbox"/> CC: Mail ECN	<input type="checkbox"/> MEMO/ECR	PAGE	REV: 1	
<input type="checkbox"/> QUALITY CHANGE NOTICE	<input type="checkbox"/> OTHER	<input type="checkbox"/>	PAGE	MODEL/DOC NO.: 加熱室縮時計劃	
<input type="checkbox"/> B.O.M REQUISITION ONLY			PAGE	CUSTOMER:	
CHANGE FOR REASON:					
<input type="checkbox"/> NEW ISSUE	<input checked="" type="checkbox"/>	UPDATE	<input type="checkbox"/> PRODUCTIVITY	<input type="checkbox"/> YIELD	
<input 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 type="checkbox"/> PROCEDURE
PRESENT			NEW		
NO	Part No	Description	Location	Q'ty	
變更內容. 新增 model 才可 縮時, 十時.					
DOCUMENT CENTER 2004-4-08					
DESCRIPTION:			ON HAND QTY & W/O EFFECTIVE: (PMC)		
DATE OF EFFECTIVE: (IE)			SUPPLIER & ON DELIVERY QTY: (PUR)		
DISPOSITION OF PAST MATERIAL: (IE)					
APPROVED	SIGNATURE		REVIEWED	DATE	PREPARED
DEPARTMENT	SIGNATURE		DATE	REMARK	
PMC.MANR	NA				
PUR. MANR.	NA				
ENG. ENGR.	IE		ME		
QE ENGR.	NA				
IQC ENGR.	NA				
IQC SUPERVISOR	NA		04.06.06		
MFG. MANR.	NA				
QRA. MANAGER	NA		06.06.06		

FORM#: ORA5156

[illegible]

HIPRO Electronics Dongguan Co.,Ltd.		DISTRIBUTED NUMBER	
Specification		DOCUMENT CENTER 2004.4.8	EC CONTROL STAMP
		REVISION : 1	

1. Reduction plan : 縮時計劃:

1.1 After FAI result is approved by customer, the initial 1,000 units burn-in shall be done for 24 hours under specified condition.
經客戶承認之後,取最先的1,000台SPS做24小時的加熱測試.

1.1.1 Once the defect found after first 8 hours, the burn-in quantity shall be re-calculated from next lot until no defect found after first 8 hours, then go next step. The defect shall be failure analysis and propose CAR.
當在首8小時後有不良發生時,加熱數量必須從下一批當中重新計算直至在首8小時后沒有不良發生,然後進行下一步驟,並分析不良原因及提出改善對策.

1.1.2 When no defect found after first 8 hours, submit PCR with burn-in data for customer or ENG manager approval, yes, go next step.
當加熱8小時之後無任何異常,開PCR及附加熱報告送客戶承認或由工程主管核定後,進行下一步驟.

1.2 Next 1,000 units burn-in shall be done for 12 hours.
下一個1,000台SPS做12小時的加熱測試.

1.2.1 Once the defect found after first 6 hours, the burn-in quantity shall be re-calculated from next lot until no defect found after first 6 hours, then go next step. The defect shall be failure analysis and propose CAR.
當在首6小時後有不良發生時,加熱數量必須從下一批當中重新計算直至在首6小時后沒有不良發生,然後進行下一步驟,並分析不良原因及提出改善對策.

1.2.2 When no defect found after first 6 hours, submit PCR with burn-in data for customer or ENG manager approval, yes, go next step.
當加熱6小時之後無任何異常,開PCR及附加熱報告送客戶承認或由工程主管核定後,進行下一步驟.

1.3 Next 1,000 units burn-in shall be done for 8 hours.
下一個1,000台SPS做8小時的加熱測試.

1.3.1 Once the defect found after first 4 hours, the burn-in quantity shall be re-calculated from next lot until no defect found after first 4 hours, then go next step. The defect shall be failure analysis and propose CAR.
當在首4小時後有不良發生時,加熱數量必須從下一批當中重新計算直至在首4小時后沒有不良發生,然後進行下一步驟,並分析不良原因及提出改善對策.

1.3.2 When no defect found after first 4 hours, submit PCR with burn-in data for customer or ENG manager approval, yes, go next step.
當加熱4小時之後無任何異常,開PCR及附加熱報告送客戶承認或由工程主管核定後,進行下一步驟.

1.4 Next 1,000 units burn-in shall be done for 6 hours.
下一個1,000台SPS做6小時的加熱測試.

1.4.1 Once the defect found after first 2 hours, the burn-in quantity shall be re-calculated from next lot until no defect found after first 2 hours, then go next step. The defect shall be failure analysis and propose CAR.
當在首2小時後有不良發生時,加熱數量必須從下一批當中重新計算直至在首2小時后沒有不良發生,然後進行下一步驟,並分析不良原因及提出改善對策.

1.4.2 When no defect found after first 2 hours, submit PCR with burn-in data for customer or ENG manager approval, yes, go next step.
當加熱2小時之後無任何異常,開PCR及附加熱報告送客戶承認或由工程主管核定後,進行下一步驟.

1.5 Next 1,000 units burn-in shall be done for 4 hours.
下一個1,000台SPS做4小時的加熱測試.

1.5.1 Once the defect found after first 1 hour, the burn-in quantity shall be re-calculated from next lot until no defect found after first 1 hour, then go next step. The defect shall be failure analysis and propose CAR.
當在首1小時後有不良發生時,加熱數量必須從下一批當中重新計算直至在首1小時后沒有不良發生,然後進行下一步驟,並分析不良原因及提出改善對策.

1.5.2 When no defect found after first 1 hour, submit PCR with burn-in data for customer or ENG manager approval, yes, go next step.
當加熱1小時之後無任何異常,開PCR及附加熱報告送客戶承認或由工程主管核定後,進行下一步驟.

HIPRO Electronics Dongguan Co.,Ltd.		DOCUMENT CENTER 2004.4.8	STAMP	DISTRIBUTED NUMBER
Specification				REVISION : 1
1.6	Non-dell model next 100k units burn-in shall be done for 2 hours, long term burn-in 2 hours for dell model. 非Dell機種下一個100k台SPS做2小時的加熱測試，Dell機種長期保持加熱2小時。			
1.6.1	Once the defect found after 1 hour, the burn-in quantity shall be re-calculated from next lot until no defect found after 1 hour, then go next step. The defect shall be failure analysis and propose CAR. 當在首1小時後有不良發生時，加熱數量必須從下一批當中重新計算直至在首1小時後沒有不良發生，然後進行下一步驟，並分析不良原因及提出改善對策。			
1.6.2	When no defect found after 1 hour, submit PCR with burn-in data for customer or ENG manager approval, yes, go next step. 當加熱1小時之後無任何異常，開PCR及附加熱報告送客戶承認或由工程主管核定後，進行下一步驟。			
1.7	Non-dell model long term burn-in shall be done for 1 hours. 非Dell機種長期保持加熱時間為1小時。			
2	B/I time reduction plan : 加熱時間縮時計劃 STEPS 步驟 : NOTE A: no defect (submit PCR with burn-in data for Customer approval)			
	STEP	ANY DEFECT FOUND		
1.	Burn In 24 hrs 1000 pcs	found	After first 8 hrs found defect	Yes Failure analysis, Replace defect until cumulated 1000 pcs
	NOTE A: yes	no		
2.	Burn In 12 hrs 1000 pcs	found	After first 6 hrs found defect	Yes Failure analysis, Replace defect until cumulated 1000 pcs
	NOTE A: yes	no		
3.	Burn In 8 hrs 1000 pcs	found	After first 4 hrs found defect	Yes Failure analysis, Replace defect until cumulated 1000 pcs
	NOTE A: yes	no		
4.	Burn In 6 hrs 1000 pcs	found	After first 2 hrs found defect	Yes Failure analysis, Replace defect until cumulated 1000 pcs
	NOTE A: yes	no		
5.	Burn In 4 hrs 1000 pcs	found	After first 1 hrs found defect	Yes Failure analysis, Replace defect until cumulated 1000 pcs
	NOTE A: yes	no		
6.	Burn In 2 hrs 100k pcs	found	After first 1 hrs found defect	Yes Failure analysis, Replace defect until cumulated 100k pcs
	Except dell model NOTE A: yes	no		
7.	Burn In 1 hrs All the time			

HIPRO Electronics Dongguan Co.,Ltd. Specification		SF	DOCUMENT CENTER 2004.4.8	MP	DISTRIBUTED NUMBER
					REVISION : 1
<div>3 附件一：B/I縮時申請表（B/I Reduction Application Form）</div> <div>FORM# MFG1020</div>					
TITLE:(BURN-IN) 加熱縮時計劃		PAGE: 4		DOC NO: I-ENG-109	

B/I縮時申請表

B/I Reduction Application Form

DOCUMENT CENTER
2004.4.8

機種名稱：		客戶：	
申請日期：		申請人：	
本次B/I時數：	<input type="checkbox"/> 24小時 <input type="checkbox"/> 12小時 <input type="checkbox"/> 8小時 <input type="checkbox"/> 6小時 <input type="checkbox"/> 4小時 <input type="checkbox"/> 2小時		
擬縮減時數：	<input type="checkbox"/> 12小時 <input type="checkbox"/> 8小時 <input type="checkbox"/> 6小時 <input type="checkbox"/> 4小時 <input type="checkbox"/> 2小時 <input type="checkbox"/> 1小時		
說明：	品保部	填寫內容	
	B/I 不良發生時間：		
	加熱數量：		
	不良品數量：		
	DPPM:		
	班長：		
	QE工程師意見：		
MFG1 B/I 班長：			
MFG1 課長：			
MFG1 經理：			
PE工程師意見： <input type="checkbox"/> 是 <input type="checkbox"/> 否	品保部課長：	<input type="checkbox"/> 是 <input type="checkbox"/> 否	
工程部經理意見： <input type="checkbox"/> 是 <input type="checkbox"/> 否	品保部經理意見：	<input type="checkbox"/> 是 <input type="checkbox"/> 否	
處長意見： <input type="checkbox"/> 是 <input type="checkbox"/> 否			