

eBizOS

User Manual

**STM Test & Finishing
Built Kit Setup**

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ABOUT STM TEST AND FINISHING

BASIC BUILDKIT SETUP

Note: the reading direction for this table is from RIGHT to LEFT.

Main Setup	Pre Setup 1	Pre Setup 2
ITEM > Stock Master	ITEM > Item Master	PROD GROUP > Prod Group
		PROD GROUP > PKG Outline
		PROD GROUP > Device Leader
		ITEM > Unit
		SUPPLIER > CURR CONV
		PROD GROUP > Commodity
		ITEM > STM Test MSL
		ITEM > STM Test Category
PROCESS > Operations	PROCESS > Process Master	PROCESS > Process Type
	PROCESS > Available Operations	
	ITEM > Location	
	PROCESS > Process Location	
REJECT > Link Reject	REJECT > REJECT Master	REJECT > Reject Group
	ITEM > Location	
BOM > BOM Design	ITEM > Item Master	
	BOM > BOM Type	
BOM > BOM Detail CF	ITEM > Item Master	
	CUSTOMER > Customer REG	
	PROD GROUP > Lead Master	
BOM > Product Structure (NEW)	ITEM > ITEM MASTER	
	PROCESS > Operations	
PROCESS > STM Lot Traveller	PROCESS > Process Master	
	PROCESS > Operations	
	ITEM > Item Master	
SHIP MASTER > Forwarder		
SHIP MASTER > Master Price List	PROD GROUP > Lead Master	
	SUPPLIER > CURR CONV	
	ITEM > Item Master	
SHIP MASTER > Freight Term		
SHIP MASTER > Shipment Time	SHIP MASTER > Shipment Dest	CUSTOMER > Customer REG

BASIC SYSTEM FLOW OVERVIEW

START

MERGE LOT FORECAST (STM)

RAWLINE DOWNLOAD MULTI SELECTION (EPROM/PDIP)

DICE STORE RECEIVE

ASSIGN SALES TYPE BEFORE ISSUING

DICE STORE ISSUE/ASSIGN LOT/GENERATE LOT

VIEW/REPRNT ALT

LOT TRANS: MOVE

LOT TRANS: SPLIT

LOT TRANS: MERGE

FG STORE: FG TRANSACTION (TRANSTORE REPORT)

FG STORE: FG RCV CFM (GEN PK LIST GSB)

SHIPMENT LABEL: PRINT STM SERVICE INNER LABEL

FG STORE: CFM PK LIST (OPEN PK LIST GSB)

SHIPMENT LABEL: PRINT STM SERVICE OUTER LABEL

FG STORE: SHIPMENT MANAGEMENT\GENERATE PROFORMA INVOICE

FG STORE: SHIPMENT MANAGEMENT\PRINT PROFORMA INVOICE

FG STORE: SHIPMENT MANAGEMENT\CONFIRM PROFORMA INVOICE

END

System Owner

Main Module	Sub-Module	Owner
Customer	Cust Reg	Process Engineer
	Cust Details	Process Engineer
Prod Group	PKG Outline	Process Engineer
	Package Config	Process Engineer
	Dev Leader new	Process Engineer
	Product Type	Process Engineer
ITEM	Commodity	Process Engineer
	unit	Process Engineer
PROCESS	location	Process Engineer
	item master	Process Engineer
	stock master	Process Engineer
	Process Type	Process Engineer
	Process Master	Process Engineer
	Avail Operation	Process Engineer
BOM	Operations	Process Engineer
	Process Details	Process Engineer
	BOM Type	Process Engineer
	BOM Design	Process Engineer
REJECT	BOM DET-CF	Process Engineer
	Product Structure (New)	Process Engineer
	Reject Group	Process Engineer
Ship Master	Reject master	Process Engineer
	Link reject	Process Engineer
	Forwarder	Batching
	Shipment Destination	Batching
	Master Price List	Finance

Main Module	Sub-Module	STM Serv
DICE STORE RECEIVE		Batching
DICE STORE ISSUE/GENERATE/ASSIGN LOT		Batching
GENERATE ALT		Batching
LOT TRASACTION (MOVE/SPLIT etc)		Production
TRANSTORE		Production
PACKING LIST		Production
SHIPMENT		Batching

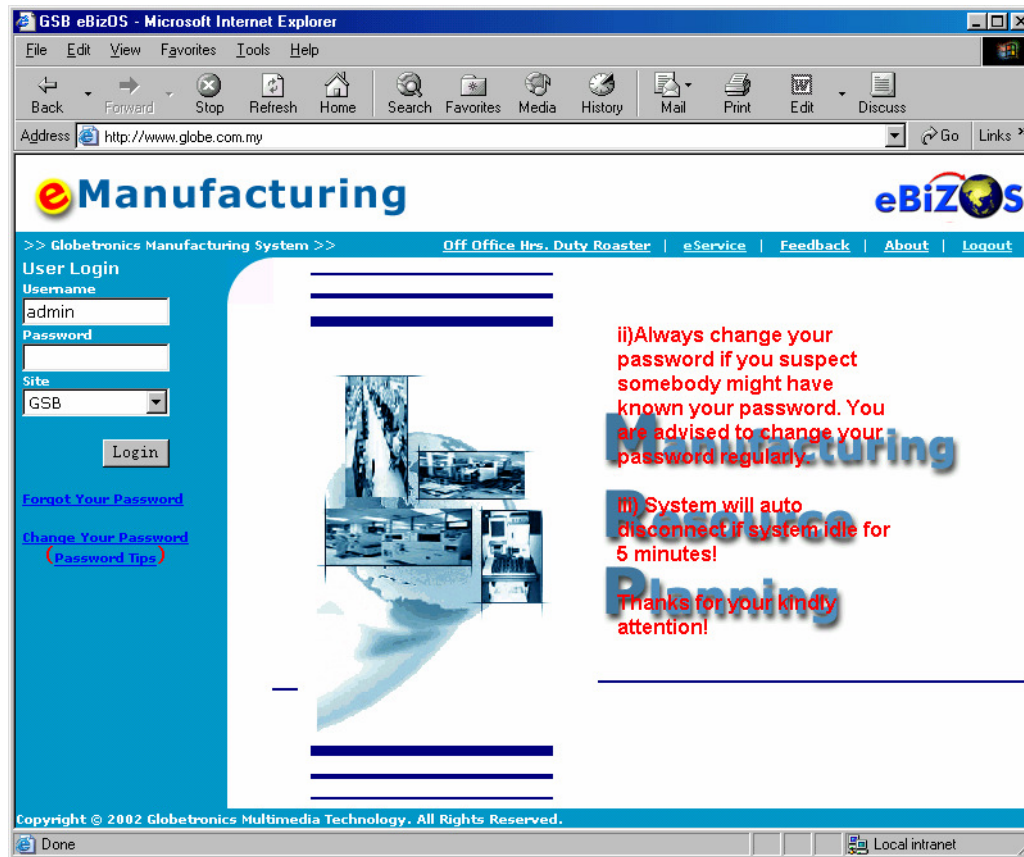
Chapter 1: Common Function in eBizOS

Log in to eBizOS

Purpose: In order to access this system, all the users are required to log in based on their log in ID and password provided by the administrator.

eBizOS URL: [http:// www.globe.com.my/](http://www.globe.com.my/)

Print Screen



How to Log in?

User Login
Username
admin
Password
Site
GSB
Login

Steps:

- Key in Username
- Key in Password
- Click on Login

Notes:

- If you see the below error message, meaning that your are key in the wrong Username or Password

You have keyed in wrong login id or password!!!

Forgot Your Password?

Purpose: Allow user to retrieve back the user password when user forgot his or her log in password.

Print Screen:

User Login

Username
da

Password

Site
GSB

Login

[Forgot Your Password](#)

[Change Your Password](#)
[Password Tips](#)

Forgot Password

Please enter your email :

Submit

Steps:

- Click on the Forgot Your Password link
- Enter your Email Address
- Click Submit

Note:

System will retrieve back the username together with the password and send to user.

Change Your Password?

Purpose: Allow user to change his or her password.

Print Screen:

User Login
Username
adminidd
Password
Site
GSB
Login
[Forgot Your Password](#)
[Change Your Password \(Password Tips\)](#)

Change Password

Login Id
Current Password
New Password
Retype New Password graphic
Confirm Cancel

Steps:

- Key in your Login Id (Username), Current Password and New Password
- Click on the Confirm Button
- Log in again using your new password

Note:

- System will prompts out error message if wrong ID or Password is key in as below:
Error Message : Please contact your administrator to verify.

Log Out eBizOS

Purpose: For security purposes, user must logout the system, once he or she finished doing their jobs.

Print Screen:



- Click on Logout to return to the main page

Common Navigation Method

Purpose: This page shows the common Buttons, which work in the same way within the system.

Method 1. The Navigation button



- << Navigate to the First Record
- < Navigate to the Previous Record
- > Navigate to the Next Record
- >> Navigate to the Last Record

Method 2. The List View Button

Steps:

- Click on  button

#	UNIT_ID	UNIT	CONVERSION FACTOR	TO UNIT
1	1	EACH	1	
2	2	M	1	
3	3	REEL	1	
4	4	MG	1	
5	5	G	1	
6	6	FEET	1	
7	7	OZ	1	
8	8	PKT	1	
9	9	GRAM	1	
10	10	MTR	1	
11	11	KG	1	
12	12	QT	1	
13	14	CC	1	
14	15	LB	1	
15	16	KIT	1	

- record will display in List View like above
- To view the record in more detail, click on the # (Circle with red circle for the above example)
- Use the Navigation buttons for more pages

Method 3. Navigation Function



- The maximum number of records for this example is 10
- Use the link to navigate to others records
- Click on **First** to navigate to the first record
- Click on **Prev** to navigate to the previous record
- Click on **Next** to navigate to the next record
- Click on **Last** to navigate to the last record
- Click on the **Page no. (1,2,3...)** to go directly to the page required

Common Functions: Add, Edit, Delete, and Filter

Purpose: Below are the common buttons that use throughout the system. Please make sure you understand their Usage.

TYPE A

Note:

- **Search** page means the first page displayed after you have clicked the link at the side menu where you can view all the search results.
- **Update** page means the page you see after you have clicked the link on the search page to view or to modify a particular record.
- **New** page means the page you see after you have clicked the New button on the search page to insert a new record.

1. **Delete**

- In search page, this button will delete all the records you have checked
- In update page, this button will delete the whole record from database

2. **New**

- Click this button for a new record entry
- Please remember to key all the required fields before click on the SUBMIT button.

3. **Update**

- Click this button to update the modified record

4. **Submit**

- Insert the record you have entered to the database

5. **Cancel**

- Return to the search page
- Discontinue and incomplete transaction

6. **Filter**

- Same as a Search function

Steps - How to Use Filter?

- Click on the button
- Key in the search field
- Click on button to display result

TYPE B

Note: This kind of interface is more for user friendly interface, it look more clearly and easier to understand, compare to the user interface of TYPE A.

To View Record:

Click on the aPrice List ID to view the detail page of the record.

To Search Record:

Key in the keyword in the SEARCH fields and select the correct search criteria follow by the GO button.

Master Price List Setup

Select All Record 1 - 10 of 125 Search By Price List Id

	Price List Id	Product Group	Part Code	Lead Type	Unit Price	Assembly Price	Services Price	Currency	Payment Term	Customer ID
<input type="checkbox"/>	22	STMSERVICE	M27C256B-10F1LGN	28L	0.4255	0.4062	0.0193	USD	Net 30	ST0001
<input type="checkbox"/>	23	STMSERVICE	M27C1001-10F1LGN	32L	0.5384	0.5138	0.0246	USD	NET 30	ST0001
<input type="checkbox"/>	24	STMSERVICE	M27C4002-10F1LGN	40L	0.729	0.6939	0.0351	USD	NET 30	ST0001
<input type="checkbox"/>	25	STMSERVICE	M27C160-100F1MGN	42L	1.0872	0.9669	0.1203	USD	NET 30	ST0001
<input type="checkbox"/>	26	STMSERVICE	M27C256B-12F1LGN	28L	0.4255	0.4062	0.0193	USD	NET 30	ST0001
<input type="checkbox"/>	27	STMSERVICE	M27C256B-12F3BLG	28L	0.4255	0.4062	0.0193	USD	NET 30	ST0001
<input type="checkbox"/>	29	STMSERVICE	M27C256B-15F1LGN	28L	0.4255	0.4062	0.0193	USD	NET 30	ST0001
<input type="checkbox"/>	30	STMSERVICE	M27C256B-15F6LGN	28L	0.4255	0.4062	0.0193	USD	NET 30	ST0001
<input type="checkbox"/>	33	STMSERVICE	M27C256B-90F6LGN	28L	0.4255	0.4062	0.0193	USD	NET 30	ST0001
<input checked="" type="checkbox"/>	36	STMSERVICE	M27C512-10F1LGN	28L	0.4259	0.4062	0.0197	USD	NET 30	ST0001

To Delete Record:

Tick on the check box and follow by the DELETE button. Note that multiply record delete is possible.

To Add New Record:

Click on the new button and key in all the required information before insert the record.

Chapter 2: MRPII > MRPII BUILDKIT

CUSTOMER > CUST REG

Purpose: Keep track on customer registration record. The customer record will be use during generate invoice and printed out at DO.

Linkage: SHIPMENT, CALENDER, DO, INVOICE

Print Screen:

[Customer](#)

Current Filter: None

CUSTOMER_ID	7
CUSTOMER GROUP	<input type="text" value="COMPANY"/>
CUSTOMER CODE	<input type="text" value="ST0001"/>
SHIPMENT DO CODE	<input type="text" value="S"/>
CUSTOMER NAME	<input type="text" value="STMICROELECTRONICS ASIA PACIFIC PTE LTD"/>
TEL NO	<input type="text"/>
CREDIT DAYS	<input type="text" value="30"/>
CREDIT LIMITS	<input type="text"/>
STREET	<input type="text" value="7 LOYANG DRIVE,"/>
CITY	<input type="text" value="LOYANG INDUSTRIAL PARK"/>
STATE	<input type="text" value="SINGAPORE"/>
COUNTRY	<input type="text" value="SINGAPORE"/>
ZIPCODE	<input type="text" value="508938"/>

Field Description:

SHIPMENT DO CODE: Indicate the first character of the DO#

CUSTOMER > CUSTOMER PO

Purpose: Use to setup the Customer's Pricing, Part #, Account Code. User will add a new record when there is a new Part # from customer, Pricing will be adjusted quarterly.

Linkage: ACCOUNT > ACCRUAL POSTING

To View Record:

[Sales Order \(Customer PO Master\)](#)

Select the Product Group accordingly. System will show the result page.

Select Product Group : 

Please Select Product group again or Masters not setup!







Select Product Group



STDX

STMSERVICE

Note: Customer PO only for STM Product.

Record Listing:

Customer Code	PO NO (*)	PO Qty	Balance Qty	Part Code	Customer Build # (*)	PO Close Status	Currency	View	Edit
STMICROELECTRONICS ASIA PACIFIC PTE LTD,ST0001	LS4500628777	11304079	11304079	M27C1001-10F1LGN,MC3L*M911NXG (32LDS)	-	Open	USD		
STMICROELECTRONICS ASIA PACIFIC PTE LTD,ST0001	LS4500628777	11304079	11304079		-	Open	USD		
STMICROELECTRONICS ASIA PACIFIC PTE LTD,ST0001	LS4500628777	11304079	11304079		-	Open	USD		

use the  icon to see more detail for the record when all the record list out, and u may use the  icon to edit and update the record.

Customer PO record

View CUSTOMER PO

[Back to List View](#)

ID	11
Customer Code	STMICROELECTRONICS ASIA PACIFIC PTE LTD,ST0001
PO NO	LS4500875953
PO Line #	78
PO Qty	11304079
Balance Qty	11304079
Part Code	M27C1001-10F1LGN
Customer Build #	-
PO Close Status	Open
PO Active Status	Non Active
Effective Date	3/1/2006
Expiry Date	12/31/2006
Entered Date	
Entered By	
PO Date	3/1/2006
Delivery Date	3/1/2006
Ship Via	-
Bill To	STM
Ship To	STM
Freight Term	EX-FAC
Credit Term	NET 30
Currency	USD
Type Of Service	-
PO Description	-
Unit Price	0.5384

Customer Code: consist of customer name from **CUSTOMER REG** together with the code.

Customer provides **PO NO** and **PO Line**.

Detail Price Breakdown

GL Code	Unit Price
G1-P1-DXX-03-STM-005001X--Sales - Prod DX FOL STM	0.5138
G1-P1-XXX-09-STM-005001X--SALES-TESTING STM	0.0246
--	0
--	0
--	0
--	0
Total	0.5384

This unit price is for assembly. If the unit price is zero, that's mean it is PDIP and no assembly.

This unit price is for test and finishing.

GL (General Layer) Code at the end when user submit an invoice it will automatically posted to **GP (Great Plan)**

Info provided by SOK YING (Ext 187)

[Go Back](#)

SUPPLIER > CURR CONV

Purpose: This module is use to record down the currency convert.

Print Screen:

Currency Conversion

Current Filter: None

CONVERTID 1

CURRENCY NAME

CONVERT FACTOR

EFFECTIVE DATE

Record: 1

ITEM > UNIT

Purpose: Unit measurement purposes.

Linkage: ITEM MASTER

Print Screen:

UNIT_ID	1
UNIT	<input type="text" value="EACH"/>
CONVERSION FACTOR	<input type="text" value="1"/>
TO UNIT	<input type="text"/>

<< < > >> Requery

ITEM > LOCATION

Purpose: Location record indicates where will the operation take place.

Linkage: PROCESS (Where to move the lot etc.)

Print Screen:

Location Master

Update Delete New Filter List View

Current Filter: None

LOC_ID	404	← System will generate the number.
LOCATION NAME	<input type="text" value="7110"/>	← This number must be unique.
ADDRESS	<input type="text" value="T8E-EPROM-LAT-PROGRAMMING-1"/>	← Give the location a name that will be display.
CONTACTPERSON	<input type="text"/>	
CONTACTNOS	<input type="text"/>	
IMG_LOC	<input type="text"/>	

<< < > >> Requery Record: 172

ITEM > ITEM MASTER

Purpose: To keep track of all the ITEM record for a specific PART#

****Note:** For each part#, 2 records must be setup. 1 is for DIE and 1 is for FINISH PRODUCT

Print Screen: (From STMSERVICE)

ITEM MASTER

Update New Filter All Records List View

Current Filter: [PROD_GRP_ID] = STMSERVICE

ITEM ID	7262	
PRODUCT GROUP	STMSERVICE	Always select STMSERVICE for PRODUCT GROUP
PRODUCT TYPE	DIE	For new item, user will need to setup 2 records with 1 record product type = DIE and another one product type = Finished Good (FG).
PKG OUT LINE 1	DXSCOM	Only select DXCOM. PKG OUTLINE 1 indicate what is the group (Superset) for the incoming product
PKG OUT LINE 2	EPROM 28L	PKG OUTLINE2 indicate the subset for PKG OUTLINE1, here user will need to select the type like PDIP with the lead type, example here is EPROM 28L
DEVICE LEADER	CERDIPST	Always select PDIP (Plastic) or CERDIP (Ceramic) only, it having linkage with SHIPMENT PO/DO
PART #	M27C512-10F1LGN	PART# = SALES TYPE (Customer Spec)
PART DESCRIPTION	MCP6*M902NXG (28LDS)	Part Description = RAWLINE OCDE/ DEVICE NAME (from customer) add in the LEAD TYPE if this setup if for DIE, like this example, no need LEAD TYPE if setup for FG.
CUSTOMER PART	M27C512-10F1LGN	CUSTOMER PART = PART# (setup same as PART#)
UNIT MEASUREMENT	EACH	UNIT MEASUREMENT always select EACH only
CURRENCY	RM	CURRENCY is selected according to customer spec
COMMODITY	CERDIP	COMMODITY same setting as DEVICE LEADER
PURCHASE	<input type="radio"/> True <input checked="" type="radio"/> False	
STOCK ITEM	<input type="radio"/> True <input checked="" type="radio"/> False	
STANDARD LOT SIZE	1	Not really using just put '1' as default value
DIE MULTIPLIER	1	
STD PKG SIZE	1	
PKG BUNDLE		
FIN DEVLEADER NAME		
FIN PACKAGE NAME		
CUSTOMERPO		
TF	9G	TF meaning Test & Finishing Code, always key in 9G (9=Malaysia, G=Globetronic) is determine by STM
PACKAGE	P6	Set base on customer TFI (Test & Finishing instruction), example here = P6
MATURITY CODE	30	
TFI	CD00061738	TFI = Test & Fihshing Instuction, this file keep track of TFI name
MSL	0	MSL = Moisture Sensitivity Level
INDDOMAIN DESC	-	INDDOMAIN DESC = Special instruction / comment
CATEGORY	e3	This one impact on Labeling, must select e3 => PBFREE
MARKING	M27C512-10F1	Setup base on TFI, this part impact on inner label printing
MIDASCOMMENT	N/A	
BASEQTY	260	Setup base on TFI
BULKQTY	260	
CPCODE	M27C512-10F1	
STMBOXLABEL		
PBFREE		No need to define
MAXTEMP		

<< < > >> Requery

ITEM > STOCK MASTER

Purpose: To keep track of ITEM's Stock record

***Note: Must setup for DIE and FINISH PRODUCT**

Linkage: ITEM Master

Print Screen:

STOCK_ID	6062
PART CODE	M27C1001-45XB1LN [MC7U*P911NXG(32L)]
OPENING BAL	0
CLOSING BALANCE	0 (FOR DIE ONLY)
MIN BAL	0
MAX BAL	0
REORDER QTY	0
REORDER DAYS	
REORDER POINT	
ORDERMULTIOFF	
STOCK LEAD TIME	0
SHELF LIFE	
STORAGE CONDITION	

From ITEM > ITEM MASTER

Closing balance will become negative when do receiving. System will auto update.

Put "0" as default. System will not allow the field blank.

<< < > >> Requery

ITEM > STM TEST MSL

Linkage: MSL (Moisture sensitivity level), The information in MSL will be provided in TFI (Test & Finishing Instruction). User required selecting the MSL in ITEM MASTER.

Print Screen:

STM TEST MSL Setup

[Select All](#) Record 1 - 1 of 1 Search By

	MSL ID	MSL CODE	PEAK BODY TEMPERATURE	SECOND LEVEL INTERCONNECTED
<input type="checkbox"/>	1	0	NA	NA

[First](#) | [Prev](#) | [Next](#) | [Last](#) | [< Prev 10](#) | [Page 1](#) | [Next 10 >](#)

ITEM > STM TEST CATEGORY

Linkage: The category setting here will shows in the ITEM MASTER, Category fields. The category will be printed out in inner label.

Print Screen:

STM Test Category Setup

[Select All](#) Record 1 - 1 of 1 Search By

	CATEGORY ID	CATEGORY CODE	PB FREE	DESCRIPTION
<input type="checkbox"/>	2	e3	e3	e3

[First](#) | [Prev](#) | [Next](#) | [Last](#) | [< Prev 10](#) | [Page 1](#) | [Next 10 >](#)

REJECT > REJECT GROUP

Purpose: Reject group must be created before create the REJECT MASTER that required to select a reject group.

Linkage: REJECT MASTER

This is the reject group name that will be appear in REJECT MASTER

Print Screen:

DEFECTGRP_ID 3

REJECT GROUP Die Attach Defect



REJECT > REJECT MASTER

Purpose: Keep track of all the reject details that will be selected during MOVE LOT operation when there is a reject unit.

Linkage: Link reject

Print Screen:

DEFECT_ID 7

REJECT GROUP Incoming Defect

REJECT > REJECT

REJECT CODE IC07

REJECT NAME Pass_Dmg



REJECT > LINK REJECT

Purpose: Reject Code (DEFECT_ID) from REJECT MASTER need to assign to a particular location ID (from ITEM > LOCATION), so that user can select the desired reject code in a particular location.

Linkage: ITEM > LOCATION, REJECT > REJECT MASTER

Print Screen:

LDEFECTID 1

LOG_ID 5701

ITEM > LOCATION

DEFECT_ID PV45

REJECT > REJECT MASTER



BOM > BOM TYPE

Purpose: To keep track of different type BOM (Bill of Material)

Linkage: BOM DESGIN (LOT TYPE)

Print Screen:

BOMTYPEID 1

BOMTYPE

<<

<

>

Requery

Note:

There is only 3 BOMTYPE only at the moment, which are:

P = Production

E = Engineering

T = Temporally

BOM > BOM DESIGN

Purpose: This module is use to setup the process of a part number. The process will be setup at process master and operation.

Linkage: PROCESS, BOM TYPE

Print Screen:

BOM Design

<input type="button" value="Update"/> <input type="button" value="Delete"/> <input type="button" value="New"/> <input type="button" value="Filter"/> <input type="button" value="All Records"/> <input type="button" value="List View"/>		
Current Filter: [ITEM_ID] = E27C160-100B1MGN		
BOMNO	4083	
PART #	E27C160-100B1MGN [ME88*PE16NXG] <input type="button" value="v"/>	PART# only for FG only
LOT TYPE	P <input type="button" value="v"/>	
BOM_DETAILS	STM-GP097-PDIP-42L01	Process flow route
LAST UPDATED		
EFFECTIVE DATE	8/2/2006	
REVISION	A	Update when users do modification on record
PROCESS ENG. APPR.	<input type="radio"/> True <input checked="" type="radio"/> False	
MQE APPROVAL	<input type="radio"/> True <input checked="" type="radio"/> False	MQE = Material Quality Engineer. Currently is AYHIENG
IMG_BONDDIAG		
IMG_DRAWINGS		
URL_DOCUMENTS		
IMG_PPDIAG		
IMG_MARKDIAG		
TESTING TYPE	<input type="button" value="v"/>	
<input type="button" value="<<"/> <input type="button" value="<"/> <input type="button" value=">"/> <input type="button" value=">>"/> <input type="button" value="Requery"/>		
Record: 1		

BOM > BOM DET-CF

Purpose: Keep track of BOM detail together with Customer information.

Linkage: ITEM MASTER, CUST REG, LEAD MASTER

BOMDETAIL1ID	4016	
BOM FOR PART#	M27W201-80B6LGN [MC7U*P921NXG]	ITEM > ITEM MASTER
CUSTOMER	STMICROELECTRONICS ASIA PACIFIC PTE LTD	CUSTOMER > CUST REG
CUST.BK		
CUST.BK.REV		
CUST.B.DIAG.		
CUST.B.DIAG.REV		
BUILD KIT		
BUILD KIT REV		
BOND DIAG.		
BOND DIAG.REV		
BACKSIDE MARK		
BMT		
CONFIGURATION(DEVICE/DA)		
ELEMENT		
SHEAR		
BSM/SOT MARK CODE		
TEST C/W		
CUSTDET		
SPECIAL INSTRUCTION		
LEAD CONFIGURATION	32L(PDIP)	PROD GROUP > LEAD MASTER ** Make sure lead is correct, if set wrong, inner label qty will wrong

<< < > Requery

BOM > PRODUCT STRUCTURE (NEW)

Purpose: To keep track each Part Code's product structure.

Linkage: BOM DESIGN

Steps:

- 1) Browse thru record.
- 2) Click on the BOM ID to setup the product structure.

Product Structure

Record 1 - 10 of 117 Search By BOM ID GO

BOM ID	Part Code #
4028	E27C1001-10B1LGN
4044	E27C160-100B1LGN
4031	E27C2001-10B1LGN
4020	E27C2568-90B6LGN
4062	E27C322-100S1MMN
4065	E27C322-80S1MMN
4037	E27C4001-10B1LGN
4051	E27C4002-10B1LMN
4029	E27C512-90B6LGN
4039	E27C801-100B1MGN

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To add a new product structure click on the BOM ID

- 3) After open the BOM record, if the BOM is new setup then there is no record exist.
- 4) Click on the NEW button to create the PRODUCT STRUCTURE.

Product Structure For E27C322-100S1MMN

Total Records: 0

DATA NOT FOUND !!!

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Delete New Cancel


- 5) Then the page as below will be shown.
- 6) Select the PART START and PART END.

View Product Structure For E27C1001-10B1LGN

* Required Field

PRODSTRUCTID : 15021

*PART # START :  ITEM > ITEM MASTER
PART# START indicate the FG
PART#

*PART # END :  PART# END indicate the DIE
PART#

*PART # END
USED IN
PROCESS :  PROCESS > PROCESS MASTER

*PART # END
USED IN
OPERATION :  PROCESS > OPERATION

*UTILITY YIELD :

*PROCESS YIELD :

*QUANTITY PER :

*COSTING QTY :

*LEVEL :

*PRIORITY :

SHIPMASTER > FORWARDER

Purpose: To maintain all the Forwarder's record.

Linkage: SHIPMENT MGMT > PRINT PROV INV, SHITPMENT MGMT > FORWARDER INFO STM

Steps:

- 1) Click on [Insert New Forwarder](#) to key in new forwarder.

Forwarder

1. [Insert New Forwarder](#)

Note:

1. If forwarder already appear in db, insertion will be rejected

2. Update Forwarder info

- 2) To update an existing forwarder, select from the update forwarder info.

To View/Edit Forwarder Record

Forwarder

1. [Insert New Forwarder](#)

Note:

1. If forwarder already appear in db, insertion will be rejected

2. Update Forwarder info

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Last U

-
- aa
- EXEL
- FORECOM
- GSB TRUCK
- KN
- PDC5479
- Schenker

To View or Edit forwarder record select the FORWARDER name from the list, and click on the **Submit** button. After that the FORWARDER record will show, and user can make any changes there and update it.

- 3) Click on the [Insert New Forwarder](#) link and the below page will be shown.
- 4) Fill in all the required and click on the insert button to add the new record.

Forwarder - Insert Form

Company Name :

Contact Person Name :

Contact Person Designation :

Address :

City:

State: Zipcode:

Country:

Email :

Tel # :

Fax # :

Agent Code :

Login ID :

Password :

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SHIP MASTER > SHIPMENT DEST

Purpose: Keep track all the Shipment Destination records, including the shipment and billing address.

Linkage: SHIPMENT MGMT > PRINT PROF INV

Print Screen:

SHIPMENT DESTINATION		Update
		Delete
		New Filter
		List View
Current Filter: None		
SHIPDESTID	7	
CUSTOMER CODE	ST0001	CUSTOMER > CUST REG
SHIP CODE	STM	
DESCRIPTION1	INTEGRATED CIRCUITS	
DESCRIPTION2		
SHIP ADDRESS1	STMICROELECTRONICS ASIA PACIFIC PTE LTD	Shipment Address
SHIP ADDRESS2	7 LOYANG DRIVE, LOYANG INDUSTRIAL PARK	
SHIP ADDRESS3	SINGAPORE 508938	
ATTN TO		
BILLTO1	STMICROELECTRONICS PTE LTD	Billing Address
BILLTO2	5A SERANGOON NORTH AVE 5 SINGAPORE 554574	
BILLTO3	ATTN : JASMINE LUM (A/C PAYABLE)	

<< < > >> Requery

SHIP MASTER > SHIP COUNTRY

Purpose: Keep track of Country whereby shipment will make.

Linkage: SHIPMENT MGMT > PRINT PROF INV

Print Screen:

COUNTRY		Update	Delete	New	List View
Current Filter: None					
COUNTRY ID	<input type="text" value="1"/>				
COUNTRY NAME	<input type="text" value="MALAYSIA"/>				
<<	<	>	>>	Requery	Record: 1

SHIP MASTER > MASTER PRICE LIST

Purpose: Keep track all the record for the Part Code's Price listing, including the unit price, assembly price, services and others information.

Linkage: ACCOUNT, SHIPMENT MGMT > PRINT PROF INV (Error will prompts out if master price list not setup properly, and not allow any printing to be done)

Print Screen:

Master Price List Setup

Price List Id	Product Group	Part Code	Lead Type	Unit Price	Assembly Price	Services Price	Currency	Payment Term	Customer ID
<input type="checkbox"/> 22	STMSERVICE	M27C256B-10F1LGN	28L	0.4255	0.4062	0.0193	USD	Net 30	ST0001
<input type="checkbox"/> 23	STMSERVICE	M27C1001-10F1LGN	32L	0.5384	0.5138	0.0246	USD	NET 30	ST0001
<input type="checkbox"/> 24	STMSERVICE	M27C4002-10F1LGN	40L	0.729	0.6939	0.0351	USD	NET 30	ST0001
<input type="checkbox"/> 25	STMSERVICE	M27C160-100F1MGN	42L	1.0872	0.9669	0.1203	USD	NET 30	ST0001
<input type="checkbox"/> 26	STMSERVICE	M27C256B-12F1LGN	28L	0.4255	0.4062	0.0193	USD	NET 30	ST0001
<input type="checkbox"/> 27	STMSERVICE	M27C256B-12F3BLG	28L	0.4255	0.4062	0.0193	USD	NET 30	ST0001
<input type="checkbox"/> 29	STMSERVICE	M27C256B-15F1LGN	28L	0.4255	0.4062	0.0193	USD	NET 30	ST0001
<input type="checkbox"/> 30	STMSERVICE	M27C256B-15F6LGN	28L	0.4255	0.4062	0.0193	USD	NET 30	ST0001
<input type="checkbox"/> 33	STMSERVICE	M27C256B-90F6LGN	28L	0.4255	0.4062	0.0193	USD	NET 30	ST0001
<input type="checkbox"/> 36	STMSERVICE	M27C512-10F1LGN	28L	0.4259	0.4062	0.0197	USD	NET 30	ST0001

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To Update Price List Master:

Note: This is the same screen when create, delete or update the Price List Master. User needs to make sure all the data key in correctly and match the customer requirement. For example the part code must be belong to the correct Lead Type, and the PRICING must be 100% accurate.

Master Price List Update

*** Required Field**

*Lead Type	: 28L	PROD GROUP > LEAD MASTER
*Currency	: USD	SUPPLIER > CURRENCY MASTER
*Assembly Unit Price	: 0.4062	
*Test & Finishing Unit Price	: 0.0193	
*Unit Price	: 0.4255	
*Payment Term	: NET 30	
*Customer ID	: ST0001	
*Part Code	: M27C256B-15F1LGN	ITEM > ITEM MASTER

SHIP MASTER > FREIGHT TERM

Purpose: To Keep track of all kind of Freight Term (Shipment Terms)

Linkage: SHIPMENT MGMT > PRINT PROF INV

Steps:

- 1) Click on the NEW button. After that key the new Freight Term and click on submit to finish insert the record.

Freight Term Setup

Freight Term	
<input type="checkbox"/>	=
<input type="checkbox"/>	CIF
<input type="checkbox"/>	EX-FACTORY
<input type="checkbox"/>	FOB
<input type="checkbox"/>	PREPAID

Delete New

First | Prev | Next | Last | < Prev 10 | Page 1 | Next 10 >

- 2) After that the form as below will be shown.
- 3) Fill in the freight term then click on Submit button.

New Freight Term Setup

** Required Field*

*Freight Term

Submit

Cancel

- 4) An **Insert Successful** message will be shown if the freight term successfully store in the system.

SHIP MASTER > SHIPMENT TIME

Purpose: To keep track shipment time base on the Shipment Destination files setup (SHIP CODE). This shipment time will appear at Confirm Packing List.

Linkage: SHIP MASTER > SHIPMENT DEST

Print Screen:

SHIPMENT TIME		Update	Delete	New	Filter	List View
Current Filter: None						
SHIPTIME_ID	14					
SHIP TO	STM	SHIP CODE from the Shipment Destination Setup SHIP MASTER > SHIPMENT DEST				
SHIPTIME	7:00:00 AM					
<<	<	>	>>	Requery	Record: 14	

PROD GROUP > PACKAGE CONFIG

Purpose: Package configuration page

Linkage: PROD GROUP > PACKAGE OUTLINE

Print Screen:

PACKAGE CONFIG		Update	New	Delete	Filter	List View
Current Filter: None						
PKG_CONF_ID	50					
PACKAGE CONFIG NM	PDIPST	PROD GROUP > PACKAGE OUTLINE				
PACKAGE OUTLINE	PDIP 28L					
<<	<	>	>>	Requery	Record: 34	

PROD GROUP > DEVICE LEADER

Purpose: Keep track of all the device leader master record. Device leader setup here will show at ITEM MASTER during user setup for new part number. Device leader for STM SERVICE is PDIP (Plastic) or CERDIP (Ceramic) only.

Linkage: ITEM > ITEM MASTER

Print Screen:

DEVICE LEADER	Update	New	Delete	Filter
	All Records		List View	
Current Filter: [PKG_CONF_ID] = PDIPST				

DEVLDID	840
DEVICE LEADER	<input type="text" value="PDIPST"/>
DESCRIPTION	<input type="text" value="STMPDIPST"/>
PACKAGE CONFIG	<input type="text" value="PDIPST"/>

<<	<	>	>>	Requery
----	---	---	----	---------

Record: 1

PROD GROUP > PROD GROUP

Purpose: Keep track of all the product group master record.

Print Screen:

PRODUCT GROUP	Update	Delete	New	Filter
	All Records		List View	
Current Filter: [PROD_GRP_ID] = 35				

PROD_GRP_ID	35
PROD_GRP_NM	<input type="text" value="STMSERVICE"/>
ALTCODE	<input type="text" value="T"/> ← ALTCODE represent the LOTTRAVELLER Code

<<	<	>	>>	Requery
----	---	---	----	---------

Record: 1

PROD GROUP > PRODUCT TYPE

Purpose: To keep track product type records. For new part number in item master, user will need to setup 2 records with 1 record product type = DIE and another one product type = Finished Product.

Linkage: ITEM > ITEM MASTER

Print Screen:

PRODUCT TYPE

Current Filter: None

PROD_TYP_ID 1

PRODUCT TYPE NAME

<< < > >> Requery

PROD GROUP > COMMODITY

Purpose: To keep track commodity records

Linkage: ITEM > ITEM MASTER

Print Screen:

COMMODITY

Update

Current Filter: None

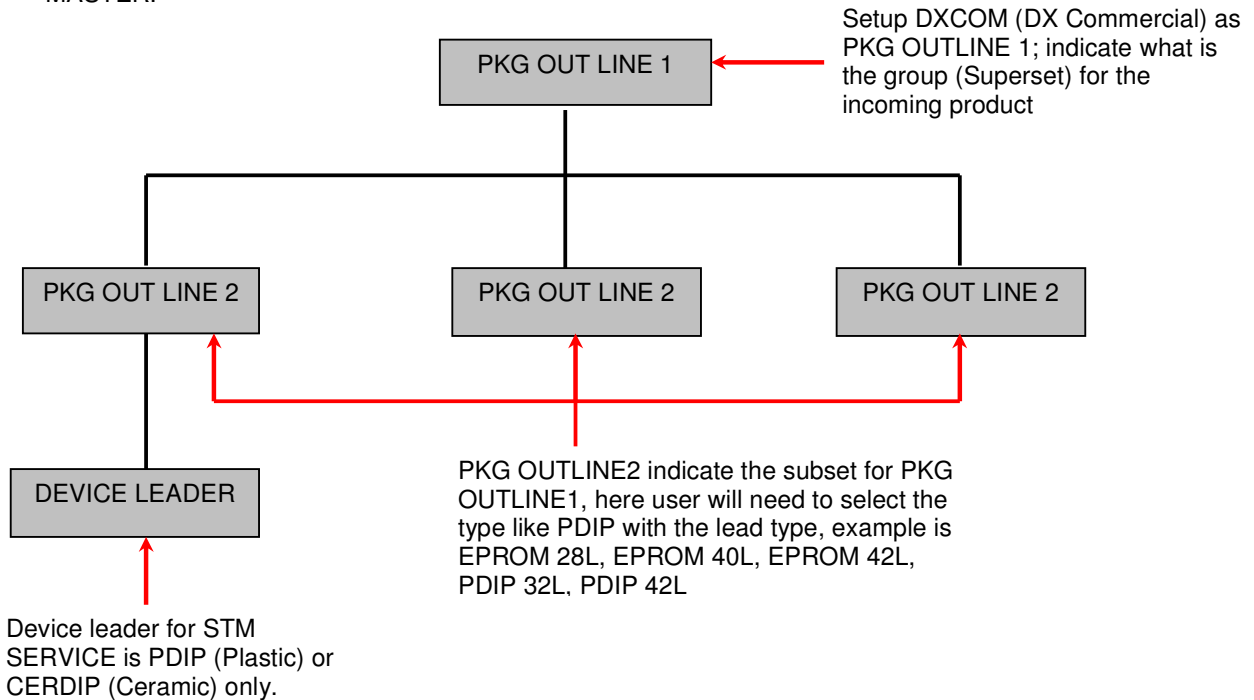
COMMODITYID 1

COMMODITY

<< < > >> Requery

PROD GROUP > PKG OUTLINE

Purpose: To keep track package outline records. The package outline setup in this module will appear in ITEM MASTER. User required selecting PKG OUTLINE 1 and PKG OUTLINE 2 in ITEM MASTER.



Linkage: ITEM > ITEM MASTER

Print Screen:

PACKAGE OUTLINE GROUP		Update
		Delete
	New	Filter
	List View	
Current Filter: None		
PKGOUTGRPID	186	
PKGOUTGRPNM	PDIP 42L	
DESCRIPTION	STM TESTING 42L	
<<	<	>
>>	Requery	
		Record: 145

PROD GROUP > LEAD MASTER

Purpose: To keep track lead type records. The lead type will show in BOM DET-CF, lead configuration.

Linkage: ITEM > ITEM MASTER

Print Screen:

The screenshot shows a software interface for managing lead types. At the top, there is a header bar with the text "LEAD TYPE" in large, bold, blue letters. To the right of this header is a button labeled "Update". Below the header, a yellow bar displays "Current Filter: None". Underneath, the text "GROUP2ID 27" is visible. A text input field labeled "LEAD TYPE" contains the value "40L(PDIP)". At the bottom of the form, there are five buttons: a double left arrow "<<", a single left arrow "<", a single right arrow ">", a double right arrow ">>", and a button labeled "Requery".

PROCESS > PROCESS TYPE

Purpose: This module is use to setup the Process Type.

Linkage: PROCESS MASTER

Print Screen:

Process Type

Current Filter: None

PROCESSTYPEID 2

PROCESS TYPE

SHIPMENT DO CODE ← Indicate the first character of the DO#

Record: 1

PROCESS > PROCESS MASTER

Purpose: Keep track of Process Master records. This page is use to set up the flow route to be use in operation.

Linkage: OPERATIONS

Print Screen:

PROCESS MASTER (Flow Route)

Current Filter: [P_NAME] = 'STM-GP097-PDIP-32L01'

P_ID 108

PROCESS TYPE ← Buildkit > Process > Process Type

FLOWROUTE ← The flow route name will appear in operation to setup the process.

DESCRIPTION

IMAGE DRAWING

DATED

DESIGNEDBY

Record: 1

PROCESS > AVAIL OPERATIONS

Purpose: This page is use to setup the operation name. The operation name will be select by user during setup PROCESS OPRERATION.

Linkage: OPERATIONS

Print Screen:

Available Operations Master (Location)

Update

Delete

New

Filter

List View

Current Filter: None

OPLISTID 288

OPERATION

<<

<

>

>>

Requery

Record: 148





PROCESS > OPERATIONS

Purpose: This page is use to setup the Process Operations.

Linkage: PROCESS DETAILS, STM LOTTRAVELLER SETUP, PROCESS LOCATION

Print Screen:

Operations

<div style="text-align: right;"><input type="button" value="Update"/> <input type="button" value="Delete"/> <input type="button" value="New"/> <input type="button" value="Filter"/> <input type="button" value="All Records"/> <input type="button" value="List View"/></div>	
OPERATION NO	1431
PROCESS	STM-GP097-PDIP-32L01  ← Buildkit > Process > Process Master
CURRENT OPERATION	T8G-PDIP-HOT-TEST-1  ← Buildkit > Process > Avail Operations
PREV. OPERATION	 ← Buildkit > Process > Avail Operations
CURRENT LOCATION	10100  ← Select the previous location. T8G-PDIP-HOT-TEST-1 is the 1st location so leave PREV OPERATION blank
OP.LEADTIME(HOURS)	5 ← Buildkit > Item > Location
MAN UTILITY / HR.	<input type="text"/>
M/C UTILITY / HR.	<input type="text"/> ← Lead-time for the current operation
URL WEB	<input type="text"/> ← Same meaning as QA Buy Off
QA_REQ	<input type="radio"/> True <input checked="" type="radio"/> False ← Set SPECIAL INSTRUCTION as BIN
SPECIAL INSTRUCTION	<input type="text"/> ← then once the lots move out from the operation, it will be capture in EDI
YIELD POINT	<input checked="" type="radio"/> True <input type="radio"/> False ← True=Yield available or not
MOVE POINT	<input checked="" type="radio"/> True <input type="radio"/> False ← Can move or can't move
MERGE POINT	<input checked="" type="radio"/> True <input type="radio"/> False ← Can merge or can't merge in the current location.
SPLIT POINT	<input type="radio"/> True <input checked="" type="radio"/> False ← Can split or can't split in the current location.
BIN POINT	<input type="radio"/> True <input checked="" type="radio"/> False
MARKING POINT	<input type="radio"/> True <input checked="" type="radio"/> False
<div style="display: flex; justify-content: space-between;"><div><input type="button" value="<<"/> <input type="button" value="<"/> <input type="button" value=">"/> <input type="button" value=">>"/> <input type="button" value="Requery"/></div><div>Record: 1</div></div>	

PROCESS > PROCESS LOCATION SETUP

Purpose: This page is use to setup the process location. Process location must be set then only the EDI can be capture.

Note: Must set up 2 records which CUST LOC are TEST and FINH for each process.

Linkage: OPERATION, LOCATION, PROCESS

Steps:

- 1) Click on NEW button to create new or ID to edit existing record.

PROCESS LOCATION Setup

ID	P_NAME	CUST LOC	FROM LOC	TO LOC
<input type="checkbox"/> 4	STM-GP088-EPROM-28L01	TEST	T8E-EPROM-ERASE-VERIFY-1	T8E-EPROM-ONLINE-QA
<input type="checkbox"/> 5	STM-GP088-EPROM-28L01	FINH	T8E-EPROM-COMPAC	T8E-EPROM-RWK-BULK-LABELING
<input type="checkbox"/> 12	STM-GP088-EPROM-28L02	TEST	T8E-EPROM-ERASE-VERIFY-1	T8E-EPROM-ONLINE-QA
<input type="checkbox"/> 13	STM-GP088-EPROM-28L02	FINH	T8E-EPROM-COMPAC	T8E-EPROM-RWK-BULK-LABELING
<input type="checkbox"/> 17	STM-GP088-EPROM-32L01	TEST	T8E-EPROM-ERASE-VERIFY-1	T8E-EPROM-ONLINE-QA
<input type="checkbox"/> 18	STM-GP088-EPROM-32L01	FINH	T8E-EPROM-COMPAC	T8E-EPROM-RWK-BULK-LABELING
<input type="checkbox"/> 19	STM-GP088-EPROM-32L03	TEST	T8E-EPROM-ERASE-VERIFY-1	T8E-EPROM-ONLINE-QA
<input type="checkbox"/> 20	STM-GP088-EPROM-32L03	FINH	T8E-EPROM-COMPAC	T8E-EPROM-RWK-BULK-LABELING
<input type="checkbox"/> 21	STM-GP088-EPROM-32L04	TEST	T8E-EPROM-ERASE-VERIFY-1	T8E-EPROM-ONLINE-QA
<input type="checkbox"/> 22	STM-GP088-EPROM-32L04	FINH	T8E-EPROM-COMPAC	T8E-EPROM-RWK-BULK-LABELING

- 2) For new entry, the page as below will be shown.
- 3) Select the required fields, click on submit button after done.

New PROCESS LOCATION Setup

* Required Field

* Required Field

* PROCESS NAME	:	STM-GP088-EPROM-32L04	Buildkit > Process > Process Master
* FROM LOCATION	:	T8E-EPROM-ERASE-VERIFY-1	Select the process location FROM and TO
* TO LOCATION	:	T8E-EPROM-ONLINE-QA	
* CUSTOMER LOCATION	:	TEST	Must set up for TEST and FINH
* LAST LOCATION OF TEST	:	-	

Leave this field BLANK when setting up CUSTOMER LOCATION for TEST.

NOTE: For CUSTOMER LOCATION is FINH, set this field as LAST LOCATION OF TEST, for this example, this field must be set as T8E-EPROM-ONLINE-QA if is FINH.

PROCESS > STM LOT TRAVELLER SETUP

Purpose: Keep track on STM Lot Traveller records for a part code. Every operation needs to be setup at this module.

Linkage: VIEW / REPRT ALT

Steps:

- 1) Click on NEW button to create new or INFO ID to edit existing record.

STM TEST LOT TRAVELLER Setup

<input type="checkbox"/> Select All	Record 1 - 10 of 1630	Search <input type="text"/>	By INFO ID	<input type="button" value="GO"/>
-------------------------------------	-----------------------	-----------------------------	------------	-----------------------------------

	INFO ID	PRODUCT CODE	PROCESS	OPERATION
<input type="checkbox"/>	1	M27C256B-10F1LGN	STM-GP088-EPROM-28L01	T8E-EPROM-PROGRAMMIN
<input type="checkbox"/>	2	M27C256B-10F1LGN	STM-GP088-EPROM-28L01	T8E-EPROM-PATTERN-VER
<input type="checkbox"/>	3	M27C256B-10F1LGN	STM-GP088-EPROM-28L01	T8E-EPROM-ERASING-1
<input type="checkbox"/>	4	M27C256B-10F1LGN	STM-GP088-EPROM-28L01	T8E-EPROM-MARKING
<input type="checkbox"/>	5	M27C256B-10F1LGN	STM-GP088-EPROM-28L01	T8E-EPROM-ERASE-VERIF
<input type="checkbox"/>	6	M27C256B-10F1LGN	STM-GP088-EPROM-28L01	T8E-EPROM-VISUAL
<input type="checkbox"/>	7	M27C256B-10F1LGN	STM-GP088-EPROM-28L01	T8E-EPROM-ONLINE-QA
<input type="checkbox"/>	8	M27C256B-10F1LGN	STM-GP088-EPROM-28L01	T8E-EPROM-COMPAC
<input type="checkbox"/>	9	M27C256B-10F1LGN	STM-GP088-EPROM-28L01	T8E-EPROM-BULK-LABELL
<input type="checkbox"/>	10	M27C256B-10F1LGN	STM-GP088-EPROM-28L01	T8E-EPROM-OUTGOING-Q

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- 2) For NEW entry, the page as below will be shown.
- 3) Fill in the required field.

STM TEST LOT TRAVELLER Update

* Required Field

*PRODUCT CODE	:	M27C256B-10F1LGN	Buildkit > Item > Item Master
*PROCESS	:	STM-GP088-EEPROM-28L01	Buildkit > Process > Process Master
*OPERATION	:	T8E-EEPROM-PROGRAMMING-1 (STM-GP088-EEPROM-28L01)	Buildkit > Process > Operations
*BLOCKING YIELD (%)	:	98.5	Yield allow for in operation
*O/S (OPEN SHORT) (%)	:	1.5	Open Short allow for the operation
*LOT TRAVELLER INFORMATION	:		Lot Traveller Information which will be printed in View / Reprt ALT
Test System: S1000/PSX ~ Pattern: M906CK ~ CheckSum: 1754 ~ Program Algo: STM 27C256B (S1000,PSX) ~ * ~ DATA I/O (CK)			
*LOT TRAVELLER STEPS	:		Lot Traveller Steps

Update Delete Cancel