tbl_StripMap (New table)

	ColumnName	Datatype	NullAccept	
PK	StripID	nvarchar(30)	Unchecked	ASE StripID
	ASELotNo	nvarchar(30)		ASE Lot No
	AssyLotNo	nvarchar(30)		Rohm LotSlip Lot No
	RingID	nvarchar(30)		Rohm RingID make IBLB
	Columns	nvarchar(10)		Columns (From ASEMAPData)
	Rows	nvarchar(10)		Rows(From ASEMAPData)
	Pass	nvarchar(10)		Pass (From ASEMAPData)
	Ng	nvarchar(10)		Ng (From ASEMAPData)
	InTime	datetime		Create Data datetime
	UseTime	datetime		Use IBLB datetime
	StripMap	varbinary(MAX)		Map Data
	Coments	nvarchar(100)		
	CompleteFlag	nvarchar(1)		Use IBLB flag

Map_Map_Data(RIST Map table)

	ColumnName	Datatype	NullAccept
PK	MCNo	nvarchar(10)	Unchecked
	Process	nvarchar(10)	
	ProcessMode	nvarchar(20)	
PK	LotNo	nvarchar(10)	Unchecked
	MAPData	nvarchar(MAX)	
PK	LotStartTime	datetime	Unchecked
	LotEndTime	datetime	
	Remark	nvarchar(50)	

app.config additional Project Visual Studio

additional data

```xml
<configuration>
  <appSettings>
    <add key="RECIPE_PATH" value="C:\RECIPE"/>
    <add key="ZIP_TEMP_PATH" value="C:\Zip_TEMP"/>
  </appSettings>
  <connectionStrings>
    <add name="MapMapData" connectionString="user id=test;Data Source=LSIATP\SQLEXPRESS;Initial Catalog=NfdMapMapdb;Connect Timeout = 60;password=test"
      providerName="System.Data.SqlClient" />
  </connectionStrings>

  <system.diagnostics>
    <sources>
      <!-- このセクションでは、My.Application.Log のログ構成を定義します。-->
      <source name="DefaultSource" switchName="DefaultSwitch">
        <listeners>
          <add name="FileLog"/>
          <!-- アプリケーション イベント ログに書き込むには、以下のセクションのコメントを解除します -->
          <!--<add name="EventLog"/>-->
        </listeners>
      </source>
    </sources>
    <switches>
      <add name="DefaultSwitch" value="Information" />
    </switches>
    <sharedListeners>
      <add name="FileLog"
        type="Microsoft.VisualBasic.Logging.FileLogTraceListener, Microsoft.VisualBasic, Version=8.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a, processorArchitecture=MSIL"
        initializeData="FileLogWriter"/>
      <!-- アプリケーション イベント ログに書き込むには、以下のセクションのコメントを解除して、APPLICATION_NAME をアプリケーション名に置き換えます -->
      <!--<add name="EventLog" type="System.Diagnostics.EventLogTraceListener" initializeData="APPLICATION_NAME"/> -->
    </sharedListeners>
  </system.diagnostics>
</configuration>
```
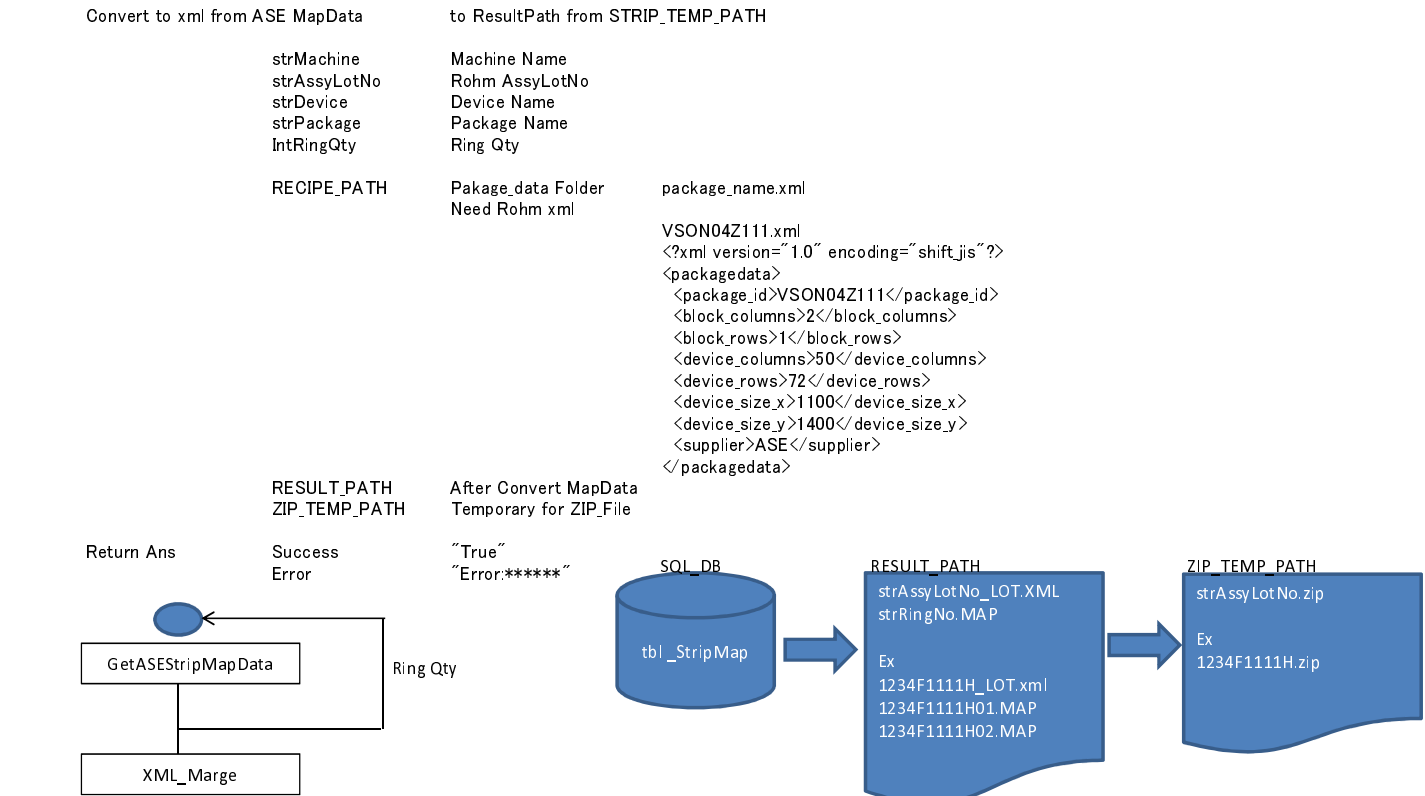
sql Log in

sql server

sql Data

sql password
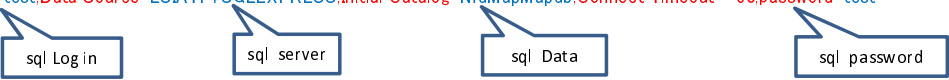
GetASEStripMapData(ByRef connect As System.Data.SqlClient.SqlConnection, ByRef transact As System.Data.SqlClient.SqlTransaction, _
ByVal strStripID As String, ByVal strAssyLotNo As String, ByVal strRingID As String) As String

				EX	Ring 2Qty

Get ASE StripMap　　to strSTRIP_TEMP_PATH from StripMapdb tbl_StripMap

Input Data　　strStripID　　ASE StripID　　from IBLB　　268-00894-01, 268-00894-02
　　　　strAssyLotNo　　Rohm AssyLotNo　　from IBLB　　1234F1111H
　　　　strRingID　　RingID(AssyLotNo+RingNo)　　from IBLB　　1234F1111HO1、1234F1111H02

Return Ans　　Success　　AssyLotNo,StripID,ASELotNo,Columns,Roes,RingID,Pass,Ng,InTime,UseTime,Coments
　　　　Error　　"Error:******"

XML_Marge(ByVal strMachine As String, ByVal strAssyLotNo As String, ByVal strDevice As String, ByVal strPackage As String, ByVal intRingQty As Integer, _
ByVal RECIPE_PATH As String, ByVal ZIP_TEMP_PATH As String) As String

Convert to xml from ASE MapData　　　　to ResultPath from STRIP_TEMP_PATH

　　　　strMachine　　Machine Name
　　　　strAssyLotNo　　Rohm AssyLotNo
　　　　strDevice　　Device Name
　　　　strPackage　　Package Name
　　　　IntRingQty　　Ring Qty

　　　　RECIPE_PATH　　Pakage_data Folder　　package_name.xml
　　　　　　Need Rohm xml

```
VSON04Z111.xml
<?xml version="1.0" encoding="shift_jis"?>
<packagedata>
  <package_id>VSON04Z111</package_id>
  <block_columns>2</block_columns>
  <block_rows>1</block_rows>
  <device_columns>50</device_columns>
  <device_rows>72</device_rows>
  <device_size_x>1100</device_size_x>
  <device_size_y>1400</device_size_y>
  <supplier>ASE</supplier>
</packagedata>
```

　　　　RESULT_PATH　　After Convert MapData
　　　　ZIP_TEMP_PATH　　Temporary for ZIP_File

Return Ans　　Success　　"True"
　　　　Error　　"Error:******"

StripInputLot(ByRef connect As System.Data.SqlClient.SqlConnection, ByRef transact As System.Data.SqlClient.SqlTransaction, _
ByVal strMachine As String, ByVal strAssyLotNo As String, ByVal strProcess As String, ByVal strProcessMode As String, _
ByVal strPathzipfile As String, ByVal dtLotstarttime As DateTime, ByVal dtLotEndTime As DateTime, ByVal strRemark As String) As String

Input or Update MAPMAP_Data

strMachine	Machine Name
strAssyLotNo	Rohm AssyLotNo
strProcess	˝OS˝
strProcessMode	Process Mode
strPathzipfile	Mapdata zip file
dtLotStartTime	Date Time
dtLotEndTime	Date Time

Return Ans	Success	˝True˝
	Error	˝Error:******˝
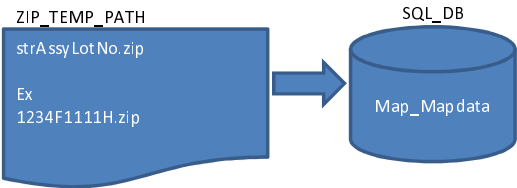
ZIP_TEMP_PATH

strAssyLotNo.zip

Ex
1234F1111H.zip

SQL_DB

Map_Mapdata

Sample

```
Dim connectStrs As System.Configuration.ConnectionStringSettings
Dim connect As New System.Data.SqlClient.SqlConnection
Dim transact As System.Data.SqlClient.SqlTransaction = Nothing
connectStrs = System.Configuration.ConfigurationManager.ConnectionStrings("MapMapData")
connect.ConnectionString = connectStrs.ConnectionString
connect.Open()
transact = connect.BeginTransaction
Dim ZIP_TEMP_PATH AS String = System.Configuration.ConfigurationManager.AppSettings("ZIP_TEMP_PATH")
Dim RECIPE_PATH AS String = System.Configuration.ConfigurationManager.AppSettings("RECIPE_PATH")

For i = 0 as integer to 1  'Ring Qty
    Dim ans As String = MapConvert.clsShareSub.GetASEStripMapData(connect, transact, "268-00894-01", "1234F1111H","1234F1111H01")
    If ans Like "Error*" Then
        transact.Rollback()
        connect.Close()
        *****Errror*****
        Return
    End If
Next
ans = MapConvert.clsShareSub.XML_Marge("MCName", "1234F1111H","BU52272NUZ-Z(8A)","VSON04Z111", 2 , RECIPE_PATH, ZIP_TEMP_PATH )
If ans <> "True" Then
    *****Errror*****
    transact.Rollback()
    connect.Close()
    Return
End If
ans  = MapConvert.clsShareSub.StripInputLot.(connect, transact, "MCName", "1234F1111H","OS","OS_NEW", ZIP_TEMP_PATH¥1234F1111H.zip, "2017/05/25 20:00:00","2017/05/25 20:00:10", "Remark" )
If ans <> "True" Then
    *****Errror*****
    transact.Rollback()
    connect.Close()
    Return
End If
*****True*****
transact.Commit()
connect.Close()
Return
```

CancelASEStrip(ByRef connect As System.Data.SqlClient.SqlConnection, ByRef transact As System.Data.SqlClient.SqlTransaction, _
    ByVal strAssyLotNo As String) As String

Delete AssyLotNo and complate flag = 1 -> from StripMapdb tbl_StripMap

	strAssyLotNo	AssyLotNo
Return Ans	Success	"True"
	Error	"Error:******"

Sample

```
Dim connectStrs As System.Configuration.ConnectionStringSettings
Dim connect As New System.Data.SqlClient.SqlConnection
Dim transact As System.Data.SqlClient.SqlTransaction = Nothing
connectStrs = System.Configuration.ConfigurationManager.ConnectionStrings("MapMapData")
connect.ConnectionString = connectStrs.ConnectionString
connect.Open()
transact = connect.BeginTransaction

Dim ans As String = MapConvert.clsShareSub.CancelASEStrip(connect, transact, "1234F1111H")
If ans <> "True" Then
    *****Errror*****
    transact.Rollback()
    connect.Close()
    Return
End If
transact.Commit()
connect.Close()
```

ChkASEStripID(ByRef connect As System.Data.SqlClient.SqlConnection, ByRef transact As System.Data.SqlClient.SqlTransaction, _
ByVal strAseStripID As String) As String

Cheeck ASEStripID from tbl_StripMap

	strASEStripID	ASE StripID
Return Ans	Success	"True"
	Error	"Error:******" Error
		"Error: No Record Found" No Data

Sample

```
Dim connectStrs As System.Configuration.ConnectionStringSettings
Dim connect As New System.Data.SqlClient.SqlConnection
Dim transact As System.Data.SqlClient.SqlTransaction = Nothing
connectStrs = System.Configuration.ConfigurationManager.ConnectionStrings("MapMapData")
connect.ConnectionString = connectStrs.ConnectionString
connect.Open()
transact = connect.BeginTransaction

Dim ans As String = MapConvert.clsShareSub.ChkASEStripID(connect, transact, "268-00894-01")
If ans like "Error*" Then
   If ans <> "Error: No Record Found" Then
      *****Errror*****
      transact.Rollback()
      connect.Close()
      Return
  Else
      *****No Data*****
      transact.Rollback()
      connect.Close()
      Return
   End If
End If
*****Exists Data*****
transact.Commit()
connect.Close()
```

ChkAssyLotNo(ByRef connect As System.Data.SqlClient.SqlConnection, ByRef transact As System.Data.SqlClient.SqlTransaction, _
ByVal strAssyLotNo As String) As String

Cheeck AssyLotNo from tbl_StripMap

	strAssyLotNo	AssyLotNo	
Return Ans	Success	"True"	All Ready Use This LotNo
	Error	"Error:******"	
		"Error: No Record Found"	

Sample

```
Dim connectStrs As System.Configuration.ConnectionStringSettings
Dim connect As New System.Data.SqlClient.SqlConnection
Dim transact As System.Data.SqlClient.SqlTransaction = Nothing
connectStrs = System.Configuration.ConfigurationManager.ConnectionStrings("MapMapData")
connect.ConnectionString = connectStrs.ConnectionString
connect.Open()
transact = connect.BeginTransaction

Dim ans As String = MapConvert.clsShareSub.ChkAssyLotNo(connect, transact, "1234F1111H")
If ans like "Error*" Then
    If ans <> "Error: No Record Found" Then
        *****Errror*****
        transact.Rollback()
        connect.Close()
        Return
    Else
        *****No Data*****
        transact.Rollback()
        connect.Close()
        Return
    End if
End If
transact.Commit()
connect.Close()
```

MapData(AssyLotNo_Lot.zip) Information Get

Dim mapclass As MapConvert.clsMapData = MapConvert.clsMap.getMapData(PathZipFile)
If mapclass Is Nothing Then
    *****Errror*****
    *****AbNormal MapData*****
End If

mapclass.Machine()	String	Machine name of Current Flow from MapData
mapclass.LotNo()	String	AssyLotNo from MapData
mapclass.Product()	String	Device Name from MapData
mapclass.Package()	String	Package Name from MapData
mapclass.WaferList()	String	Wf List from MapData
mapclass.RingTotal()	Integer	Ring Qty from MapData
mapclass.PassTotal()	Integer	Total Pass Count from MapData
mapclass.FailTotal()	Integer	Total Fail Count from MapData
mapclass.measureFailTotal()	Integer	Fail Count of Current Frow from MapData
mapclass.PassWA(intWaNo)	Integer	Pass Count of Wa from MapData
mapclass.FailWA(intWaNo)	Integer	Fail Count of Wa from MapData
mapclass.AutoNo()	String	Current Flow from MapData
mapclass.TestMode()	String	Current TestMode from MapData
mapclass.Bin_Counter(strBin)	Integer	Bin Count of Current Flow from MapData
mapclass.starttime()	String	LotStart Time of Current Flow from MapData
mapclass.Endtime()	String	LotEnd Time of Current Flow from MapData

mapclass.AllUnMeasure_check()	String	"True" = All UnMeasure of Current Flow from MapData
mapclass.AllMeasure_check()	String	"True" = All Measure of Current Flow from MapData

Ex mapclass As mapConvert.clsMapData = mapconvert.clsMap.GetmapData(C:MAP¥1234F1111H.zip)