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```

Model {
  Name                "Joystickcheck"
  Version              7.6
  MdlSubVersion        0
  GraphicalInterface {
    NumRootInputs      0
    NumRootOutputs     0
    ParameterArgumentNames ""
    ComputedModelVersion "1.1"
    NumModelReferences  0
    NumTestPointedSignals 0
  }
  SavedCharacterEncoding "windows-1252"
  SaveDefaultBlockParams on
  ScopeRefreshTime      0.035000
  OverrideScopeRefreshTime on
  DisableAllScopes      off
  DataTypeOverride       "UseLocalSettings"
  DataTypeOverrideAppliesTo "AllNumericTypes"
  MinMaxOverflowLogging  "UseLocalSettings"
  MinMaxOverflowArchiveMode "Overwrite"
  MaxMDLFileLineLength  120
  Created                "Thu Feb 21 19:17:33 2013"
  Creator                "ipainter"
  UpdateHistory           "UpdateHistoryNever"
  ModifiedByFormat       "%<Auto>"
  LastModifiedBy         "ipainter"
  ModifiedDateFormat     "%<Auto>"
  LastModifiedDate       "Thu Feb 21 19:18:06 2013"
  RTWModifiedTimeStamp   283375068
  ModelVersionFormat     "1.%<AutoIncrement:1>"
  ConfigurationManager   "None"
  SampleTimeColors       off
  SampleTimeAnnotations  off
  LibraryLinkDisplay     "none"
  WideLines              off
  ShowLineDimensions     off
  ShowPortDataTypes      off
  ShowLoopsOnError       on
  IgnoreBidirectionalLines off
  ShowStorageClass       off
  ShowTestPointIcons     on
  ShowSignalResolutionIcons on
  ShowViewerIcons        on
  SortedOrder            off
  ExecutionContextIcon    off
  ShowLinearizationAnnotations on
  BlockNameDataTip       off
  BlockParametersDataTip  off
  BlockDescriptionStringDataTip off
  ToolBar                on
  StatusBar              on
  BrowserShowLibraryLinks off
  BrowserLookUnderMasks  off
  SimulationMode          "normal"
  LinearizationMsg        "none"
  Profile                off
  ParamWorkspaceSource    "MATLABWorkspace"
  AccelSystemTargetFile   "accel.tlc"
  AccelTemplateMakefile   "accel_default_tmf"
  AccelMakeCommand        "make_rtw"
  TryForcingSFcnDF        off
  RecordCoverage          off
}

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CovPath                "/"
CovSaveName             "covdata"
CovMetricSettings       "dw"
CovNameIncrementing     off
CovHtmlReporting        on
CovForceBlockReductionOff on
covSaveCumulativeToWorkspaceVar on
CovSaveSingleToWorkspaceVar on
CovCumulativeVarName    "covCumulativeData"
CovCumulativeReport     off
CovReportOnPause        on
CovModelRefEnable       "Off"
CovExternalEMLEnable    off
ExtModeBatchMode        off
ExtModeEnableFloating   on
ExtModeTrigType         "manual"
ExtModeTrigMode         "normal"
ExtModeTrigPort         "1"
ExtModeTrigElement      "any"
ExtModeTrigDuration     1000
ExtModeTrigDurationFloating "auto"
ExtModeTrigHoldOff      0
ExtModeTrigDelay        0
ExtModeTrigDirection    "rising"
ExtModeTrigLevel        0
ExtModeArchiveMode      "off"
ExtModeAutoIncOneShot   off
ExtModeIncDirWhenArm    off
ExtModeAddSuffixToVar   off
ExtModeWriteAllDataToWs off
ExtModeArmWhenConnect   on
ExtModeSkipDownloadWhenConnect off
ExtModeLogAll           on
ExtModeAutoUpdateStatusClock on
BufferReuse             on
ShowModelReferenceBlockVersion off
ShowModelReferenceBlockIO off
Array {
    Type                "Handle"
    Dimension            1
    Simulink.ConfigSet {
        $ObjectID      1
        Version         "1.10.0"
        Array {
            Type        "Handle"
            Dimension    8
            Simulink.SolverCC {
                $ObjectID      2
                Version         "1.10.0"
                StartTime       "0.0"
                StopTime        "inf"
                AbsTol          "auto"
                FixedStep       "auto"
                InitialStep     "auto"
                MaxNumMinSteps  "-1"
                MaxOrder        5
                ZcThreshold     "auto"
                ConsecutiveZCsStepRelTol "10*128*eps"
                MaxConsecutiveZCs "1000"
                ExtrapolationOrder 4
                NumberNewtonIterations 1
                MaxStep         "auto"
                MinStep         "auto"
                MaxConsecutiveMinStep "1"
                RelTol          "1e-3"
            }
        }
    }
}

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SolverMode "Auto"
ConcurrentTasks off
Solver "ode45"
SolverName "ode45"
SolverJacobianMethodControl "auto"
ShapePreserveControl "DisableAll"
ZeroCrossControl "UseLocalSettings"
ZeroCrossAlgorithm "Nonadaptive"
AlgebraicLoopSolver "TrustRegion"
SolverResetMethod "Fast"
PositivePriorityOrder off
AutoInsertRateTranBlk off
SampleTimeConstraint "Unconstrained"
InsertRTBMode "Whenever possible"
}
Simulink.DataIOCC {
$ObjectID 3
Version "1.10.0"
Decimation "1"
ExternalInput "[t, u]"
FinalStateName "xFinal"
InitialState "xInitial"
LimitDataPoints on
MaxDataPoints "1000"
LoadExternalInput off
LoadInitialState off
SaveFinalState off
SaveCompleteFinalSimState off
SaveFormat "Array"
SaveOutput on
SaveState off
SignalLogging on
DSMLogging on
InspectSignalLogs off
SaveTime on
ReturnWorkspaceOutputs off
StateSaveName "xout"
TimeSaveName "tout"
OutputSaveName "yout"
SignalLoggingName "logout"
DSMLoggingName "dsmout"
OutputOption "RefineOutputTimes"
OutputTimes "[]"
ReturnWorkspaceOutputsName "out"
Refine "1"
}
Simulink.OptimizationCC {
$ObjectID 4
Version "1.10.0"
Array {
Type "Cell"
Dimension 8
Cell "BooleansAsBitfields"
Cell "PassReuseOutputArgsAs"
Cell "PassReuseOutputArgsThreshold"
Cell "ZeroExternalMemoryAtStartup"
Cell "ZeroInternalMemoryAtStartup"
Cell "OptimizeModelRefInitCode"
Cell "NoFixptDivByZeroProtection"
Cell "UseSpecifiedMinMax"
PropName "DisabledProps"
}
BlockReduction on
BooleanDataType on
ConditionallyExecuteInputs on

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InlineParams                off
UseIntDivNetSlope           off
UseSpecifiedMinMax          off
InlineInvariantSignals      off
OptimizeBlockIOStorage      on
BufferReuse                  on
EnhancedBackFolding         off
StrengthReduction           off
ExpressionFolding           on
BooleansAsBitFields         off
BitfieldContainerType       "uint_T"
EnableMemcpy                 on
MemcpyThreshold             64
PassReuseOutputArgsAs       "Structure reference"
ExpressionDepthLimit        2147483647
FoldNonRolledExpr          on
LocalBlockOutputs           on
RollThreshold               5
SystemCodeInlineAuto        off
StateBitsets                off
DataBitsets                 off
UseTempVars                 off
ZeroExternalMemoryAtStartup on
ZeroInternalMemoryAtStartup on
InitFltsAndDblsToZero       off
NoFixptDivByZeroProtection  off
EfficientFloat2IntCast      off
EfficientMapNaN2IntZero     on
OptimizeModelRefInitCode    off
LifeSpan                    "inf"
MaxStackSize                 "Inherit from target"
BufferReusableBoundary      on
SimCompilerOptimization     "Off"
AccelVerboseBuild           off
}
Simulink.DebuggingCC {
  $ObjectID                  5
  Version                    "1.10.0"
  RTPrefix                   "error"
  ConsistencyChecking         "none"
  ArrayBoundsChecking         "none"
  SignalInfNanChecking        "none"
  SignalRangeChecking         "none"
  ReadBeforeWriteMsg          "UseLocalSettings"
  WriteAfterWriteMsg          "UseLocalSettings"
  WriteAfterReadMsg           "UseLocalSettings"
  AlgebraicLoopMsg            "warning"
  ArtificialAlgebraicLoopMsg  "warning"
  SaveWithDisabledLinksMsg    "warning"
  SaveWithParameterizedLinksMsg "warning"
  CheckSSInitialOutputMsg     on
  UnderspecifiedInitializationDetection "Classic"
  MergeDetectMultiDrivingBlocksExec "none"
  CheckExecutionContextPreStartOutputMsg off
  CheckExecutionContextRuntimeOutputMsg off
  SignalResolutionControl     "UseLocalSettings"
  BlockPriorityViolationMsg    "warning"
  MinStepSizeMsg              "warning"
  TimeAdjustmentMsg           "none"
  MaxConsecutiveZCsMsg        "error"
  MaskedZcDiagnostic          "warning"
  IgnoredZcDiagnostic         "warning"
  SolverPrmCheckMsg           "warning"
  InheritedTsInSrcMsg         "warning"
  DiscreteInheritContinuousMsg "warning"
}

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MultiTaskDSMMMsg      "error"
MultiTaskCondExecSysMsg "error"
MultiTaskRateTransMsg  "error"
SingleTaskRateTransMsg "none"
TasksWithSamePriorityMsg "warning"
SigSpecEnsureSampleTimeMsg "warning"
CheckMatrixSingularityMsg "none"
IntegerOverflowMsg      "warning"
Int32ToFloatConvMsg     "warning"
ParameterDowncastMsg    "error"
ParameterOverflowMsg     "error"
ParameterUnderflowMsg   "none"
ParameterPrecisionLossMsg "warning"
ParameterTunabilityLossMsg "warning"
FixptConstUnderflowMsg  "none"
FixptConstOverflowMsg   "none"
FixptConstPrecisionLossMsg "none"
UnderSpecifiedDataTypeMsg "none"
UnnecessaryDatatypeConvMsg "none"
VectorMatrixConversionMsg "none"
InvalidFcnCallConnMsg   "error"
FcnCallInpInsideContextMsg "Use local settings"
SignalLabelMismatchMsg  "none"
UnconnectedInputMsg      "warning"
UnconnectedOutputMsg     "warning"
UnconnectedLineMsg       "warning"
SFcnCompatibilityMsg     "none"
UniqueDataStoreMsg       "none"
BusObjectLabelMismatch  "warning"
RootOutportRequireBusObject "warning"
AssertControl            "UseLocalSettings"
EnableOverflowDetection  off
ModelReferenceIOMsg      "none"
ModelReferenceMultiInstanceNormalModeStructChecksumCheck "error"
ModelReferenceVersionMismatchMessage "none"
ModelReferenceIOMismatchMessage "none"
ModelReferenceCSMismatchMessage "none"
UnknownTsInhSupMsg       "warning"
ModelReferenceDataLoggingMessage "warning"
ModelReferenceSymbolNameMessage "warning"
ModelReferenceExtraNoncontSigs "error"
StateNameClashWarn       "warning"
SimStateInterfaceChecksumMismatchMsg "warning"
InitInArrayFormatMsg     "warning"
StrictBusMsg             "ErrorLevel1"
BusNameAdapt             "WarnAndRepair"
NonBusSignalsTreatedAsBus "none"
LoggingUnavailableSignals "error"
BlockIODiagnostic        "none"
SFUnusedDataAndEventsDiag "warning"
SFUnexpectedBacktrackingDiag "warning"
SFInvalidInputDataAccessInChartInitDiag "warning"
SFNoUnconditionalDefaultTransitionDiag "warning"
SFTransitionOutsideNaturalParentDiag "warning"
}
Simulink.HardwareCC {
  $ObjectID      6
  Version        "1.10.0"
  ProdBitPerChar 8
  ProdBitPerShort 16
  ProdBitPerInt   32
  ProdBitPerLong  32
  ProdBitPerFloat 32
  ProdBitPerDouble 64
  ProdBitPerPointer 32

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ProdLargestAtomicInteger "Char"
ProdLargestAtomicFloat   "None"
ProdIntDivRoundTo        "Undefined"
ProdEndianness           "Unspecified"
ProdWordSize             32
ProdShiftRightIntArith   on
ProdHWDeviceType         "32-bit Generic"
TargetBitPerChar         8
TargetBitPerShort        16
TargetBitPerInt          32
TargetBitPerLong         32
TargetBitPerFloat        32
TargetBitPerDouble       64
TargetBitPerPointer      32
TargetLargestAtomicInteger "Char"
TargetLargestAtomicFloat   "None"
TargetShiftRightIntArith   on
TargetIntDivRoundTo        "Undefined"
TargetEndianness          "Unspecified"
TargetWordSize            32
TargetTypeEmulationWarnSuppressLevel 0
TargetPreprocMaxBitsSint  32
TargetPreprocMaxBitsUint  32
TargetHWDeviceType        "Specified"
TargetUnknown             off
ProdEqTarget              on
}
Simulink.ModelReferenceCC {
  $ObjectID              7
  Version                "1.10.0"
  UpdateModelReferenceTargets "IfOutOfDateOrStructuralChange"
  CheckModelReferenceTargetMessage "error"
  EnableParallelModelReferenceBuilds off
  ParallelModelReferenceErrorOnInvalidPool on
  ParallelModelReferenceMATLABWorkerInit "None"
  ModelReferenceNumInstancesAllowed "Multi"
  PropagateVarSize       "Infer from blocks in model"
  ModelReferencePassRootInputsByReference on
  ModelReferenceMinAlgLoopOccurrences off
  PropagateSignalLabelsOutOfModel off
  SupportModelReferenceSimTargetCustomCode off
}
Simulink.SFSimCC {
  $ObjectID      8
  Version        "1.10.0"
  SFSimEnableDebug on
  SFSimOverflowDetection on
  SFSimEcho        on
  SimBlas          on
  SimCtrlC         on
  SimExtrinsic     on
  SimIntegrity     on
  SimUseLocalCustomCode off
  SimParseCustomCode on
  SimBuildMode     "sf_incremental_build"
}
Simulink.RTWCC {
  $BackupClass      "Simulink.RTWCC"
  $ObjectID         9
  Version           "1.10.0"
  Array {
    Type            "Cell"
    Dimension       7
    Cell            "IncludeHyperlinkInReport"
    Cell            "GenerateTraceInfo"
  }
}

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        Cell                "GenerateTraceReport"
        Cell                "GenerateTraceReportSl"
        Cell                "GenerateTraceReportSf"
        Cell                "GenerateTraceReportEml"
        Cell                "GenerateSLWebview"
        PropName            "DisabledProps"
    }
    SystemTargetFile        "grt.tlc"
    GenCodeOnly             off
    MakeCommand             "make_rtw"
    GenerateMakefile        on
    TemplateMakefile        "grt_default_tmf"
    GenerateReport          off
    SaveLog                 off
    RTWVerbose              on
    RetainRTWFile           off
    ProfileTLC              off
    TLCDebug                off
    TLCCoverage             off
    TLCAssert               off
    ProcessScriptMode       "Default"
    ConfigurationMode       "Optimized"
    ConfigAtBuild           off
    RTWUseLocalCustomCode   off
    RTWUseSimCustomCode     off
    IncludeHyperlinkInReport off
    LaunchReport            off
    TargetLang              "C"
    IncludeBusHierarchyInRTWFileBlockHierarchyMap off
    IncludeERTFirstTime     off
    GenerateTraceInfo       off
    GenerateTraceReport     off
    GenerateTraceReportSl   off
    GenerateTraceReportSf   off
    GenerateTraceReportEml  off
    GenerateCodeInfo        off
    GenerateSLWebview       off
    RTWCompilerOptimization "Off"
    CheckMdlBeforeBuild     "Off"
    CustomRebuildMode       "OnUpdate"
    Array {
        Type                "Handle"
        Dimension            2
        Simulink.CodeAppCC {
            $ObjectID        10
            Version           "1.10.0"
            Array {
                Type          "Cell"
                Dimension      21
                Cell           "IgnoreCustomStorageClasses"
                Cell           "IgnoreTestpoints"
                Cell           "InsertBlockDesc"
                Cell           "InsertPolySpaceComments"
                Cell           "SFDataObjDesc"
                Cell           "MATLABFcnDesc"
                Cell           "SimulinkDataObjDesc"
                Cell           "DefineNamingRule"
                Cell           "SignalNamingRule"
                Cell           "ParamNamingRule"
                Cell           "InlinedPrmAccess"
                Cell           "CustomSymbolStr"
                Cell           "CustomSymbolStrGlobalVar"
                Cell           "CustomSymbolStrType"
                Cell           "CustomSymbolStrField"
                Cell           "CustomSymbolStrFcn"
            }
        }
    }

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        Cell                "CustomSymbolStrFcnArg"
        Cell                "CustomSymbolStrBlkIO"
        Cell                "CustomSymbolStrTmpVar"
        Cell                "CustomSymbolStrMacro"
        Cell                "ReqsInCode"
        PropName            "DisabledProps"
    }
    ForceParamTrailComments off
    GenerateComments        on
    IgnoreCustomStorageClasses on
    IgnoreTestpoints        off
    IncHierarchyInIds        off
    MaxIdLength              31
    PreserveName             off
    PreserveNameWithParent   off
    ShowEliminatedStatement off
    IncAutoGenComments       off
    SimulinkDataObjDesc      off
    SFDDataObjDesc           off
    MATLABFcnDesc            off
    IncDataTypeInIds         off
    MangLeLength             1
    CustomSymbolStrGlobalVar "$R$N$M"
    CustomSymbolStrType      "$N$R$M"
    CustomSymbolStrField     "$N$M"
    CustomSymbolStrFcn       "$R$N$M$F"
    CustomSymbolStrFcnArg    "rt$I$N$M"
    CustomSymbolStrBlkIO     "rtb_$N$M"
    CustomSymbolStrTmpVar    "$N$M"
    CustomSymbolStrMacro     "$R$N$M"
    DefineNamingRule         "None"
    ParamNamingRule          "None"
    SignalNamingRule         "None"
    InsertBlockDesc          off
    InsertPolySpaceComments off
    SimulinkBlockComments    on
    MATLABSourceComments     off
    EnableCustomComments     off
    InlinedPrmAccess         "Literals"
    ReqsInCode               off
    UseSimReservedNames      off
}
Simulink.GRTTargetCC {
    $BackupClass            "Simulink.TargetCC"
    $ObjectID                11
    Version                  "1.10.0"
    Array {
        Type                "Cell"
        Dimension            16
        Cell                "GeneratePreprocessorConditionals"
        Cell                "IncludeMdlTerminateFcn"
        Cell                "CombineOutputUpdateFcns"
        Cell                "SuppressErrorStatus"
        Cell                "ERTCustomFileBanners"
        Cell                "GenerateSampleERTMain"
        Cell                "GenerateTestInterfaces"
        Cell                "ModelStepFunctionPrototypeControlCompliant"
        Cell                "CPPClassGenCompliant"
        Cell                "MultiInstanceERTCode"
        Cell                "PurelyIntegerCode"
        Cell                "SupportComplex"
        Cell                "SupportAbsoluteTime"
        Cell                "SupportContinuousTime"
        Cell                "SupportNonInlinedSFCns"
        Cell                "PortableWordSizes"
    }
}

```

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```

        PropName          "DisabledProps"
    }
    TargetFcnLib          "ansi_tfl_table_tmw.mat"
    TargetLibSuffix       ""
    TargetPreCompLibLocation ""
    TargetFunctionLibrary  "ANSI_C"
    UtilityFuncGeneration  "Auto"
    ERTMultiwordTypeDef    "System defined"
    ERTCodeCoverageTool    "None"
    ERTMultiwordLength     256
    MultiwordLength        2048
    GenerateFullHeader      on
    GenerateSampleERTMain   off
    GenerateTestInterfaces  off
    IsPILTarget            off
    ModelReferenceCompliant on
    ParMdlRefBuildCompliant on
    CompOptLevelCompliant  on
    IncludeMdlTerminateFcn  on
    GeneratePreprocessorConditionals "Disable all"
    CombineOutputUpdateFcns off
    CombineSignalStateStructs off
    SuppressErrorStatus    off
    ERTFirstTimeCompliant  off
    IncludeFileDelimiter    "Auto"
    ERTCustomFileBanners   off
    SupportAbsoluteTime     on
    LogVarNameModifier      "rt_"
    MatFileLogging          on
    MultiInstanceERTCode    off
    SupportNonFinite        on
    SupportComplex          on
    PurelyIntegerCode       off
    SupportContinuousTime   on
    SupportNonInlinedSFCns  on
    SupportVariableSizeSignals off
    EnableShiftOperators    on
    ParenthesesLevel        "Nominal"
    PortableWordSizes       off
    ModelStepFunctionPrototypeControlCompliant off
    CPPClassGenCompliant    off
    AutosarCompliant        off
    UseMalloc               off
    ExtMode                 off
    ExtModeStaticAlloc      off
    ExtModeTesting          off
    ExtModeStaticAllocSize  1000000
    ExtModeTransport        0
    ExtModeMexFile          "ext_comm"
    ExtModeIntrfLevel       "Level1"
    RTWCAPISignals          off
    RTWCAPIParams           off
    RTWCAPISStates          off
    GenerateASAP2           off
    }
    PropName          "Components"
}
}
    PropName          "Components"
}
    Name              "Configuration"
    CurrentDlgPage     "Solver"
    ConfigPrmDlgPosition " [ 243, 69, 1123, 699 ] "
}
    PropName          "ConfigurationSets"

```

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```

}
Simulink.ConfigSet {
    $PropName      "ActiveConfigurationSet"
    $ObjectID      1
}
BlockDefaults {
    ForegroundColor      "black"
    BackgroundColor      "white"
    DropShadow           off
    NamePlacement        "normal"
    FontName             "Helvetica"
    FontSize             10
    FontWeight           "normal"
    FontAngle            "normal"
    ShowName             on
    BlockRotation        0
    BlockMirror          off
}
AnnotationDefaults {
    HorizontalAlignment  "center"
    VerticalAlignment    "middle"
    ForegroundColor      "black"
    BackgroundColor      "white"
    DropShadow           off
    FontName             "Helvetica"
    FontSize             10
    FontWeight           "normal"
    FontAngle            "normal"
    UseDisplayTextAsClickCallback off
}
LineDefaults {
    FontName             "Helvetica"
    FontSize             9
    FontWeight           "normal"
    FontAngle            "normal"
}
BlockParameterDefaults {
}
System {
    Name                 "Joystickcheck"
    Location              [484, 93, 1020, 382]
    Open                 on
    ModelBrowserVisibility off
    ModelBrowserWidth    200
    ScreenColor          "white"
    PaperOrientation      "landscape"
    PaperPositionMode    "auto"
    PaperType            "usletter"
    PaperUnits           "inches"
    TiledPaperMargins    [0.500000, 0.500000, 0.500000, 0.500000]
    TiledPageScale       1
    ShowPageBoundaries   off
    ZoomFactor           "100"
    ReportName           "simulink-default.rpt"
    SIDHighWatermark     "2"
    Block {
        BlockType        Reference
        Name              "Joystick Input"
        SID               "1"
        Ports             [0, 2]
        Position          [60, 137, 180, 233]
        LibraryVersion    "1.241"
        SourceBlock       "vrlib/Joystick Input"
        SourceType        "Joystick Input"
        joyid             "1"
    }
}

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```

        adjustports      on
        forcefeed        off
    }
    Block {
        BlockType        Reference
        Name              "Real-Time Pacer"
        SID              "2"
        Ports             []
        Position          [70, 24, 172, 81]
        BackgroundColor   "yellow"
        DropShadow        on
        ShowName          off
        LibraryVersion    "1.9"
        SourceBlock       "realtime_pacer_lib/Real-Time Pacer"
        SourceType        "RealTime_Pacer"
        simTimePerRealTime "1"
    }
}

```

*Undefined variable "Joystickcheck" or class "Joystickcheck.mdl".*

*Published with MATLAB® 7.11*