

```

; '(:)b = hh.*Wind
; a = 1
, if SCALING
Scale so that passband is approx 1 %
; (b = scalefilter(b, First_Band, ff, L
end

-----%
-----%
(function [Ftype, Wind, SCALING, msg] = parseoptargs(Wn, varargin
.PARSEOPTARGS Parse optional input arguments%

:Up to 3 optional input arguments, always in this order %
Filter type flag, can be 'low', 'high', 'bandpass', 'stop', 'DC- - 1 %
'0', 'DC-1
Window vector - 2 %
noscale' flag' - 3 %

.Initialize output args %
; [] = SCALING

; ({:}Ftype, Wind, Scale] = assignoptargs(Wn, varargin]
; (Ftype, Wind, Scale, msg] = validateargs(Wn, Ftype, Wind, Scale]
, (if ~isempty(msg)
return
end

, (switch lower(Scale
; 'case 'noscale
; SCALING = 0
; 'case 'scale
; SCALING = 1
end

-----%
-----%
(function [Ftype, Wind, Scale] = assignoptargs(Wn, varargin
ASSIGNOPTARGS Assign optional input arguments to the appropriate%
.variables

:default optional parameter values %
; [] = Wind
; 'Scale = 'scale
; (Ftype = defaultftype(Wn

(switch length(varargin)
case 1
, (if ischar(varargin{1}) && (length(varargin{1})>0
; (s = upper(varargin{1}
(switch upper(s)
{'case {'SCALE', 'NOSCALE
; Scale = s
otherwise

```