XIL Error Messages

B

This appendix contains a listing of the error messages that can be generated by the XIL library. Breaks in the sequential numbering of the errors do not indicate missing errors. These are merely gaps that occurred as the numbers were assigned.

Table B-1 XIL Library Error Messages

Error Number	Error Message	Function That Generates Error
di -1	Out Of Memory	All functions
di-2	Image source1 bands or type does not match destination	`xil_extrema()`, `xil_fill()`, `xil_add()`, `xil_add_const()`, `xil_and()`, `xil_and_const()`, `xil_threshold()`, `xil_black_generation()`, `xil_convolve()`, `xil_copy()`, `xil_dilate()`, `xil_divide()`, `xil_divide_by_const()`, `xil_divide_into_const()`, `xil_erode()`, `xil_histogram()`, `xil_multiply()`, `xil_multiply_const()`, `xil_not()`, `xil_or()`, `xil_or_const()`, `xil_ordered_dither()`, `xil_paint()`, `xil_rescale()`, `xil_set_value()`, `xil_soft_fill()`, `xil_squeeze_range()`, `xil_subsample_adaptive()`, `xil_subtract()`, `xil_subtract_const()`, `xil_subtract_from_const()`, `xil_transpose()`, `xil_xor()`, `xil_cis_get_output_type()`, `xil_decompress()`, xil_absolute(), xil_edge_detection(), xil_max(), xil_min(), xil_tablewarp(), xil_tablewarp_horizontal(), xil_tablewarp_vertical()

Table B-1 XIL Library Error Messages

Error Number	Error Message	Function That Generates Error
di-3	Image source 2 does not match destination	`xil_extrema()`, `xil_fill()`, `xil_add()`, `xil_add_const()`, `xil_and()`, `xil_and_const()`, `xil_threshold()`, `xil_black_generation()`, `xil_convolve()`, `xil_copy()`, `xil_dilate()`, `xil_divide()`, `xil_divide_by_const()`, `xil_divide_into_const()`, `xil_erode()`, `xil_histogram()`, `xil_multiply()`, `xil_multiply_const()`, `xil_not()`, `xil_or()`, `xil_or_const()`, `xil_ordered_dither()`, `xil_paint()`, `xil_rescale()`, `xil_set_value()`, `xil_soft_fill()`, `xil_squeeze_range()`, `xil_subsample_adaptive()`, `xil_subtract()`, `xil_subtract_const()`, `xil_subtract_from_const()`, `xil_transpose()`, `xil_xor()`, `xil_cis_get_output_type()`, `xil_decompress()`, xil_absolute(), xil_edge_detection(), xil_max(), xil_min(), xil_tablewarp(), xil_tablewarp_horizontal(), xil_tablewarp_vertical(),

Table B-1 XIL Library Error Messages

Error Number	Error Message	Function That Generates Error
di-4	Image source 3 does not match destination	`xil_extrema(), xil_fill(), xil_add(), xil_add_const(), xil_and(), xil_and_const(), xil_threshold(), xil_black_generation(), xil_convolve(), xil_copy(), xil_dilate(), xil_divide(), xil_divide_by_const(), xil_divide_into_const(), xil_erode(), xil_histogram(), xil_multiply(), xil_multiply_const(), xil_not(), xil_or(), xil_or_const(), xil_ordered_dither(), xil_paint(), xil_rescale(), xil_set_value(), xil_soft_fill(), xil_squeeze_range(), xil_subsample_adaptive(), xil_subtract(), xil_subtract_const(), xil_subtract_from_const(), xil_transpose(), xil_xor(), xil_cis_get_output_type(), xil_decompress()`
di-5	Operation not implemented	All functions
di-6	Could not get ROI of an image	Asecondary error caused by an internal error. Could occur with any function.
di-7	Could not intersect ROIs	Asecondary error caused by an internal error. Could occur with any function.
di-8	Could not get region list from ROI	Asecondary error caused by an internal error. Could occur with any function.

Table B-1 XIL Library Error Messages

Error Number	Error Message	Function That Generates Error
di-9	Could not get src1 as memory	`xil_add(), xil_add_const(), xil_affine(), xil_and(), xil_and_const(), xil_black_generation(), xil_blend(), xil_cast(), xil_convolve(), xil_copy(), xil_copy_pattern(), xil_dilate(), xil_divide(), xil_divide_by_const(), xil_divide_into_const(), xil_erode(), xil_error_diffusion(), xil_extrema(), xil_fill(), xil_rotate(), xil_scale(), xil_translate(), xil_transpose(), xil_histogram(), xil_lookup(), xil_multiply(), xil_multiply_const() xil_nearest_color(), , xil_not(), xil_or(), xil_or_const(), xil_ordered_dither(), xil_paint(), xil_rescale(), xil_soft_fill(), xil_subsample_adaptive(), xil_subsample_binary_to_gray(), xil_subtract(), xil_subtract_const(), xil_subtract_from_const(), xil_threshold(), xil_xor(), xil_edge_detection(), xil_tablewarp(), xil_tablewarp_horizontal(), xil_tablewarp_vertical()`

Table B-1 XIL Library Error Messages

Error Number	Error Message	Function That Generates Error
di-10	Couldn't get dst1 as memory	xil_add(), xil_add_const(), xil_affine(), xil_and(), xil_and_const(), xil_black_generation(), xil_blend(), xil_cast(), xil_choose_colormap(), xil_color_convert(), xil_convolve(), xil_copy(), xil_copy_pattern(), xil_dilate(), xil_divide(), xil_divide_by_const(), xil_divide_into_const(), xil_erode(), xil_error_diffusion(), xil_extrema(), xil_fill(), xil_rotate(), xil_scale(), xil_translate(), xil_transpose(), xil_lookup(), xil_multiply(), xil_multiply_const(), xil_nearest_color(), xil_not(), xil_or(), xil_or_const(), xil_ordered_dither(), xil_paint(), xil_rescale(), xil_soft_fill(), xil_subsample_adaptive(), xil_subsample_binary_to_gray(), xil_subtract(), xil_subtract_const(), xil_subtract_from_const(), xil_threshold(), xil_xor(), xil_absolute(), xil_copy_with_planemask(), xil_max(), xil_min(), xil_tablewarp(), xil_tablewarp_horizontal(), xil_tablewarp_vertical()
di-11	Could not get alpha as memory	xil_blend()

Table B-1 XIL Library Error Messages

Error Number	Error Message	Function That Generates Error
di-12	Could not get combined ROI	`xil_add()`, `xil_add_const()`,`xil_and()`, `xil_and_const()`, `xil_black_generation()`, `xil_blend()`, `xil_cast()`, `xil_color_convert()`, `xil_copy()`, `xil_dilate()`, `xil_divide()`, `xil_divide_by_const()`, `xil_divide_into_const()`, `xil_erode()`, `xil_error_diffusion()`, `xil_lookup()`, `xil_multiply()`, `xil_multiply_const()`, `xil_nearest_color()`, `xil_not()`, `xil_or()`, `xil_or_const()`, `xil_ordered_dither()`, `xil_paint()`, `xil_rescale()`, `xil_subtract()`, `xil_subtract_const()`, `xil_subtract_from_const()`, `xil_threshold()`, `xil_xor()`, xil_absolute(), xil_copy_with_planemask(), xil_max(), xil_min()
di-13	Dependent count overflow	`xil_compress()`,`xil_decompress()`
di-14	Could not copy ROI	A secondary error caused by memory resource limitations. Could occur with any function.
di-15	Could not get src2 as memory	A secondary error caused by an internal error. Could occur with any function.
di-16	ROI translation failed	`xil_copy_pattern()`. Secondary error probably due to resource problems.
di-17	Attempted to get an unknown attribute	`xil_cis_get_attribute()`
di-18	Attempted to get a set-only attribute	`xil_cis_get_attribute()`

Table B-1 XIL Library Error Messages

Error Number	Error Message	Function That Generates Error
di-19	Attempted to set an unknown attribute	`xil_cis_set_attribute()`
di-20	Attempted to set a get-only attribute	`xil_cis_set_attribute()`
di-21	Cannot create op	A secondary error probably due to resource problems. Could occur with any function.
di-22	Image type mismatch	Any function
di-23	Unable to perform the specified function	Should not happen unless an error occurred during the operation
di-24	Could not get the ROI list	`xil_transpose()`
di-55	XilCis: JPEG attribute error: cannot have interleaved bands with different selector(s) and/or pt_transform values	Reported by the JPEG lossless compressor
di-56	XilCis: JPEG attribute error: DECOMPRESSION_ QUALITY value must be >= 1 and <= 100	`xil_cis_set_attribute()`
di-57	XilCis: JPEG attribute error: ENCODE_INTERLEAVED value must be either TRUE or FALSE	`xil_cis_set_attribute()`
di-58	XilCis: JPEG attribute error: ENCODE_VIDEO value must be either TRUE or FALSE	`xil_cis_set_attribute()`
di-59	XilCis: JPEG attribute error: COMPRESSION_QUALITY value must be >=1 and <=100	`xil_cis_set_attribute()`

Table B-1 XIL Library Error Messages

Error Number	Error Message	Function That Generates Error
di-60	XilCis: JPEG attribute error: TEMPORAL_FILTER value must be either TRUE or FALSE	`xil_cis_set_attribute()`
di-61	XilCis: JPEG attribute error: OPTIMIZE_HUFFMAN_TABLES value must be either TRUE or FALSE	`xil_cis_set_attribute()`
di-62	XilCis: JPEG attribute error: COMPRESSED_DATA_FORMAT value must be either INTERCHANGE or ABBREVIATED_FORMAT	`xil_cis_set_attribute()`
di-63	XilCis: Cell attribute error: Must set DECOMPRESSOR_COLORMAP before RDWR_INDICES	`xil_cis_set_attribute()` (for Cell)
di-64	XilCis: Cell attribute error: RDWR_INDICES: Invalid NULL index list	`xil_cis_set_attribute()` (for Cell)
di-65	XilCis: Cell attribute error: RDWR_INDICES: Invalid index list count	`xil_cis_set_attribute()` (for Cell)
di-66	XilCis: ROIs not allowed for compress image	Reported by JPEG lossless compressor
di-67	XilCis: JPEG bytestream error: Invalid code value index	`xil_decompress()`. This error can also be generated by `xil_cis_has_frame()`, `xil_cis_number_of_frames()`, and `xil_cis_seek()` if user inserts data into the CIS with `xil_cis_put_bits_[ptr]()` with an unknown or partial number of frames.

Table B-1 XIL Library Error Messages

Error Number	Error Message	Function That Generates Error
di-68	XilCis: JPEG bytestream error: Invalid symbol table ID	`xil_decompress()`. This error can also be generated by `xil_cis_has_frame()`, `xil_cis_number_of_frames()`, and `xil_cis_seek()` if user inserts data into the CIS with `xil_cis_put_bits_[ptr]()` with an unknown or partial number of frames.
di-69	XilCis: JPEG bytestream error: Invalid Huffman code length	`xil_decompress()`. This error can also be generated by `xil_cis_has_frame()`, `xil_cis_number_of_frames()`, and `xil_cis_seek()` if user inserts data into the CIS with `xil_cis_put_bits_[ptr]()` with an unknown or partial number of frames.
di-70	XilCis: JPEG bitstream error: Invalid value for prediction selector	`xil_cis_set_attribute()`
di-71	XilCis: JPEG bitstream error: Invalid value for point transform	`xil_cis_set_attribute()`
di-72	XilCis: JPEG bitstream error: Invalid SOF marker for this decompressor	`xil_decompress()`
di-73	XilCis: JPEG bitstream error: Invalid selector in SOF segment	`xil_decompress()`
di-74	XilCis: JPEG bitstream error: Unsupported image precision in SOF segment	`xil_decompress()`
di-75	XilCis: JPEG bitstream error: Invalid image height in SOF segment	`xil_decompress()`
di-76	XilCis: JPEG bitstream error: Invalid image width in SOF segment	`xil_decompress()`

Table B-1 XIL Library Error Messages

Error Number	Error Message	Function That Generates Error
di-77	XilCis: JPEG bitstream error: Invalid qtable marker 0	`xil_compress()`
di-78	XilCis: JPEG bitstream error: Table not used by any bands	`xil_compress()`
di-79	XilCis: JPEG bitstream error: Invalid quantizer precision identifier	`xil_cis_create()`, `xil_compress()`, `xil_decompress()`
di-80	XilCis: JPEG bitstream error: Number of quantizer tables too large	`xil_cis_create()`
di-81	XilCis: JPEG bitstream error: Table identifier not in use	`xil_decompress()`
di-82	XilCis: JPEG bitstream error: Invalid table identifier	`xil_decompress()`
di-83	XilCis: JPEG bitstream error: Invalid ac table identifier	`xil_decompress()`
di-84	XilCis: JPEG bitstream error: dc table identifier not in use	`xil_compress()`
di-85	XilCis: JPEG bitstream error: Invalid dc table identifier	`xil_compress()`
di-86	XilCis: JPEG bitstream error: Invalid component identifier	`xil_decompress()`
di-87	XilCis: JPEG bitstream error: attempted use of non loaded ac table	`xil_decompress()`
di-88	XilCis: JPEG bitstream error: attempted use of non loaded dc table	`xil_compress()`
di-89	XilCis: JPEG bitstream error: attempted use of non loaded qtable	`xil_compress()`
di-90	XilCis: JPEG bitstream error: invalid htable identifier	`xil_decompress()`

Table B-1 XIL Library Error Messages

Error Number	Error Message	Function That Generates Error
di-91	XilCis: JPEG bitstream error: invalid qtable identifier	`xil_cis_create()`, `xil_compress()`
di-92	XilCis: JPEG bitstream error: unknown htable type	`xil_cis_set_attribute()`
di-93	XilCis: JPEG bitstream error: invalid band number	`xil_cis_get_attribute()`
di-94	XilCis: JPEG bitstream error: table index too large	`xil_decompress()`
di-95	XilCis: internal error	`xil_cis_create()`, `xil_cis_get_output_type()`, `xil_cis_get_attribute()`, `xil_compress()`, `xil_decompress()`, `xil_cis_has_data()`, `xil_nearest_color()`, `xil_cis_destroy()`
di-96	XilCis: Wrong number of ops in molecule	`xil_nearest_color()`
di-97	XilCis: Cell bitstream error	`xil_nearest_color()`
di-98	XilCis: JPEG bitstream error	`xil_decompress()`
di-100	XilCis: No data to decompress	`xil_cis_get_output_type()`
di-101	XilCis: Could not create CIS destination image	`xil_decompress()`. Secondary error that occurs when the compressor is unable to allocate a temporary image to compress into.
di-102	XilCis: JPEG cannot encode image as 4:1:1 yuv, using ENCODE_INTERLEAVED attribute instead	`xil_compress()`
di-103	XilCis: JPEG cannot interleave image, it has 5 or more bands	`xil_compress()`

Table B-1 XIL Library Error Messages

Error Number	Error Message	Function That Generates Error
di-104	XilCis: Wrote more than maximum frame size into buffer space	`xil_compress()`. Internal error. This should never happen.
di-105	XilCis: Seek to frame number not in CIS	`xil_cis_seek()`
di-106	XilCis: Desired frame number no longer in CIS	`xil_cis_seek()`
di-107	XilCis: CIS is empty, cannot seek to frame number	`xil_cis_seek()`
di-108	XilCis: No previous desired frame type to seek backward to	`xil_cis_seek()`. Internal error.
di-109	XilCis: Unable to complete seek by skipping (burning) frames	`xil_nearest_color()`
di-110	XilCis: Complete frame does not exist. No data to decompress	`xil_decompress()`
di-111	XilCis: Image width and height must be a multiple of 4	`xil_cis_get_attribute()`, `xil_decompress()`, `xil_cis_get_output_type()`, `xil_cis_has_data()`
di-112	XilCis: Could not create XilLookup for colormap	`xil_decompress()` (for Cell)
di-113	XilCis: Fax: source not a bit image	`xil_compress()`
di-114	XilCis: Incomplete frame in buffer, cannot copy until complete	`xil_compress()`, `xil_cis_put_bits()`
di-115	Xilcis: start_frame adjusted past read_frame. CIS data lost.	`xil_cis_seek()`, `xil_compress()`

Table B-1 XIL Library Error Messages

Error Number	Error Message	Function That Generates Error
di-116	XilCis: unsupported or illegal precision for compressed image	`xil_decompress()`. Internal error.
di-117	XilCis: Invalid NULL CIS specified	`xil_cis*()` (ny `xil_cis*` routine)
di-118	XilCis: Partial frame end adjustment error on frame position	`xil_compress()`, `xil_cis_put_bits()`
di-119	XilCis: Partial frame end adjustment error on frame list	`xil_compress()`, `xil_cis_put_bits()`
di-120	XilCis: Cannot create copy op	`xil_compress()`, `xil_decompress()`
di-121	XilCis: Invalid compression type or specification	`xil_compress()`, `xil_decompress()`
di-122	XilCis: Can't create compression op	`xil_decompress()`
di-123	XilCis: Decompress destination image's type or nbands does not match CIS	`xil_decompress()`
di-124	XilCis: Illegal relative_to value in xil_cis_seek()	`xil_cis_seek()`
di-125	XilCis: Compression device is unavailable	`xil_cis_create()`
di-126	XilCis: Couldn't create compression device	`xil_cis_create()`
di-127	Lookup would be too large for data type	`xil_lookup_create()`, `xil_colorcube_create()`
di-128	Colorcube multipliers do not match sizes	`xil_colorcube_create()`

Table B-1 XIL Library Error Messages

Error Number	Error Message	Function That Generates Error
di-129	Object would be too large for 32-bit addressability	`xil_create()`, `xil_create_from_type()`, `xil_kernel_create()`, `xil_dithermask_create()`, `xil_sel_create()`, `xil_lookup_create()`, `xil_colorcube_create()`, `xil_histogram_create()`
di-130	Attempted to read or write outside the range of a lookup	`xil_lookup_get_values()`, `xil_lookup_set_values()`
di-131	Invalid NULL lookup	`xil_ordered_dither()`, `xil_error_diffusion()`, `xil_nearest_color()`, `xil_lookup_convert()`, `xil_choose_colormap()`, `xil_lookup()`, `xil_lookup_destroy()`, `xil_lookup_get_input_datatype()`, `xil_lookup_get_output_datatype()`, `xil_lookup_get_output_nbands()`, `xil_lookup_get_num_entries()`, `xil_lookup_get_version()`, `xil_lookup_get_offset()`, `xil_lookup_set_offset()`, `xil_lookup_get_colorcube()`, `xil_lookup_get_colorcube_info()`, `xil_lookup_get_values()`, `xil_lookup_set_values()`, `xil_lookup_create_copy()`
di-132	Look-up type mismatch	`xil_lookup_convert()`
di-133	Lookup may not have input type of XIL_FLOAT	`xil_lookup_create()`, `xil_colorcube_create()`
di-134	Incorrect data type for image	`xil_create()`
di-135	Attempted to set attribute on a non-device image	`xil_set_device_attribute()`

Table B-1 XIL Library Error Messages

Error Number	Error Message	Function That Generates Error
di-136	Attempted to get attribute of a non-device image	`xil_get_device_attribute()`
di-137	Requested pixel outside range of image	`xil_set_pixel(),xil_get_pixel()`
di-138	Could not get image as memory	`xil_get_memory_storage()`
di-139	Could not propagate image storage	`xil_get_memory_storage()`, `xil_set_memory_storage()`. This is probably the result of another error, such as running out of memory.
di-140	Could not get image storage	Internal system error
di-141	Could not create storage device	`xil_get_pixel(),xil_set_pixel()`, `xil_get_memory_storage()`
di-142	Cannot get memory storage on non-exported image	`xil_get_memory_storage()`
di-143	Could not access storage device	Internal system error
di-144	Could not copy colormap	`xil_ordered_dither()`
di-145	Could not create ROI	A secondary error caused by an internal error. Could occur with any function.
di-146	Invalid parameters passed to function	`xil_add()`, `xil_create()`, `xil_create_child()`, `xil_create_copy()`, `xil_set_origin()`, `xil_histogram_create()`, `xil_kernel_create()`, `xil_lookup_create()`, `xil_sel_create()`
di-147	Could not create image	Secondary error in `xil_create()`, `xil_create_child()`, `xil_create_copy()`
di-148	Child count exceeded on parent – could not create child image	`xil_create_child()`

Table B-1 XIL Library Error Messages

Error Number	Error Message	Function That Generates Error
di-149	Could not create input/output device	Internal system error
di-150	Could not access input/output device	Internal system error
di-151	Image already exported	`xil_export()`
di-152	Image is of a type that cannot be exported	`xil_export()`
di-153	Cannot import image that was not previously exported	`xil_import()`
di-154	Image must be exported to set memory storage	`xil_set_memory_storage()`
di-155	Cannot set memory storage on a child image	`xil_set_memory_storage()`
di-156	Image band mismatch	`xil_cast(), xil_copy(), xil_affine(),xil_blend(), xil_copy_pattern(),xil_rotate(), xil_scale(), xil_subsample_binary_to_gray(), xil_translate(), xil_absolute(), xil_edge_detection(), xil_max(), xil_min()`
di-157	Undefined image data type encountered	Internal error
di-158	Could not load `.so` file	`xil_open(), xil_create_from_device()`
di-159	Could not extract symbols from `.so` file	`xil_open()`
di-160	Could not expand $XILHOME path	`xil_open()`
di-161	Could not open $XILHOME/lib/ xil.compute file	`xil_open()`

Table B-1 XIL Library Error Messages

Error Number	Error Message	Function That Generates Error
di-162	XIL Xlib I/O Driver: could not get graphics context	`xil_create_from_window()`
di-163	Could not copy kernel	`xil_convolve()`, `xil_kernel_create()`, `xil_error_diffusion()`
di-164	Input and output must be in CMYK color space	`xil_black_generation()`
di-165	Alpha channel image must have only 1 band	`xil_blend()`
di-166	Invalid size for lookup	`xil_choose_colormap()`, `xil_lookup_create()`, `xil_error_diffusion()`, `xil_nearest_color()`
di-167	Image must have 3 bands	`xil_choose_colormap()`
di-169	SEL must be specified	`xil_dilate()`, `xil_erode()`
di-170	Could not copy SEL	`xil_dilate()`, `xil_erode()`, `xil_sel_create_copy()`
di-171	Coefficient(s) would cause a divide by zero	`xil_divide()`
di-172	Supplied coefficient(s) contained NaN	`xil_divide()`, `xil_multiply()`, `xil_subtract()`
di-173	Number of bands in src image does not match look-up table	`xil_error_diffusion()`, `xil_nearest_color()`, `xil_ordered_dither()`
di-174	Data type of dest image does not match look-up table input type	`xil_error_diffusion()`, `xil_nearest_color()`
di-175	Data type of src image does not match look-up table output type	`xil_error_diffusion()`, `xil_nearest_color()`, `xil_ordered_dither()`
di-176	Output image must be single banded	`xil_error_diffusion()`, `xil_nearest_color()`, `xil_ordered_dither()`

Table B-1 XIL Library Error Messages

Error Number	Error Message	Function That Generates Error
di-177	Could not copy lookup	`xil_error_diffusion()`, `xil_nearest_color()`, `xil_lookup_create_copy()`
di-179	Data type of src image does not match look-up table input type	`xil_lookup()`
di-180	Data type of dest image does not match look-up table output type	`xil_lookup()`
di-181	Input image must be single banded	`xil_lookup()`
di-182	Brush must be specified	`xil_paint()`
di-183	Could not copy brush	`xil_paint()`
di-184	XilCis: Error AdjustStart	Internal error
di-185	Attempt to insert at illegal position in linked list	Internal error
di-186	Attempt to delete at illegal position in linked list	Internal error
di-187	NULL ROI passed to intersect routine	`xil_roi_intersect()`
di-188	Could not create imagetype	`xil_cis_get_output_type()`, `xil_cis_get_input_type()`, `xil_create()`, `xil_create_child()`, `xil_create_copy()`, `xil_create_from_device()`, `xil_create_from_type()`, `xil_create_from_window()`
di-189	Could not create kernel	`xil_kernel_create()`
di-190	Could not create dithermask	`xil_dithermask_create()`
di-191	Could not create SEL	`xil_sel_create()`
di-192	Could not create lookup	`xil_lookup_create()`

Table B-1 XIL Library Error Messages

Error Number	Error Message	Function That Generates Error
di-193	Could not branch to op	Internal error
di-194	No capture operation defined for this device	`xil_copy()`
di-195	No display operation defined for this device	`xil_copy()`
di-197	Internal error in getting op parameters	Internal error
di-198	Internal error in setting op parameters	Internal error
di-199	Internal error searching for optimized execution path	Internal error
di-202	Source color space not specified	`xil_color_convert()`
di-203	Destination color space not specified	`xil_color_convert()`
di-204	Unsupported color conversion	`xil_color_convert()`
di-205	Could not get colorcube information	Internal error
di-206	Lookup must be a colorcube	`xil_ordered_dither()`
di-207	Invalid NULL image specified	All functions
di-208	Tried to remove an error handler which was not installed	`xil_remove_error_handler()`
di-209	Cannot get system state from image	Internal error
di-210	Cannot create lookup for returning data	`xil_squeeze_range()`
di-211	Cannot squeeze range of multiband image	`xil_squeeze_range()`

Table B-1 XIL Library Error Messages

Error Number	Error Message	Function That Generates Error
di-212	XIL I/O Driver: could not open specified frame buffer	`xil_create_from_device()`
di-213	XIL I/O Driver: could not perform ioctl on frame buffer	`xil_create_from_device()`
di-214	XIL I/O Driver: frame buffer not of expected type	`xil_create_from_device()`
di-215	XIL I/O Driver: could not mmap device	`xil_create_from_device()`
di-216	Could not get FLOAT image as memory	Internal error
di-217	XIL Memory Driver: Could not get named storage type	A secondary error that can be seen after any call that creates or copies images or CISs
di-218	XIL Memory Driver: Could not create named storage device	A secondary error that can be seen after any call that creates or copies images or CISs
di-219	XIL I/O Driver: could not connect to dga	`xil_create_from_device()`
di-220	XIL I/O Driver: could not get window geometry	`xil_create_from_device()`
di-221	Invalid NULL kernel specified	`xil_convolve()`, `xil_error_diffusion()`, `xil_kernel_get_width()`, `xil_kernel_get_height()`, `xil_kernel_get_key_x()`, `xil_kernel_get_key_y()`, `xil_kernel_create_copy()`
di-222	Invalid NULL dither mask specified	`xil_dithermask_get_width()`, `xil_dithermask_get_height()`, `xil_dithermask_get_nbands()`, `xil_dithermask_create_copy()`, `xil_error_diffusion()`, `xil_ordered_dither()`

Table B-1 XIL Library Error Messages

Error Number	Error Message	Function That Generates Error
di-223	Tried to write to an invalid CIS	`xil_compress()`
di-224	Tried to read from an invalid CIS	`xil_decompress()`
di-230	XilCis: Cell attribute failed because too few bytes per frame group	`xil_cis_set_attribute()` (`BITS_PER_SECOND`)
di-231	XilCis: Cell key frame interval is too large for bit rate control	`xil_cis_set_attribute()` (`KEYFRAME_INTERVAL`)
di-232	XilCis: Cell key frame interval exceeds maximum	`xil_cis_set_attribute()` (`KEYFRAME_INTERVAL`)
di-233	Must specify histogram	`xil_histogram()`
di-234	Number of bands in image and histogram do not match	`xil_histogram()`
di-235	Zero bins in histogram not allowed	`xil_create_histogram()`
di-236	Cannot create histogram	`xil_create_histogram()`
di-237	Could not initialize compression type	`xil_cis_create()`
di-238	Could not initialize input/output type	`xil_create_from_device()`
di-239	Could not set image attribute	`xil_set_attribute()`. A secondary error.
di-240	Error opening or parsing $XILHOME/lib/xil.modules	`xil_open()`
di-241	Error loading Xlib display driver	`xil_create_from_window()`
di-242	Couldn't create display image	`xil_create_from_window()`. A secondary error.

Table B-1 XIL Library Error Messages

Error Number	Error Message	Function That Generates Error
di-243	Number of bands cannot be 0	`xil_lookup_create()`
di-244	Cannot create system state	`xil_open()`. A secondary error.
di-245	Invalid dither mask dimensions	`xil_dithermask_create()`
di-246	Cannot create global state	`xil_open()`. A secondary error.
di-247	Cannot initialize localization information	`xil_open()`
di-248	Unable to load any compute device handlers	`xil_open()`. Probably a secondary error due to improper configuration.
di-249	XIL Xlib I/O Driver: could not get window attributes	`xil_create_from_window()`
di-250	XIL Xlib I/O Driver: could not create ximage	`xil_create_from_window()`
di-251	Number of bands in src image does not match dither mask	`xil_ordered_dither()`
di-252	Invalid colorcube dimensions	`xil_colorcube_create()`
di-253	XilCis: Cell compress image width is not an even multiple of 4	`xil_compress()`
di-254	XilCis: Cell compress image height is not an even multiple of 4	`xil_compress()`
di-255	Could not copy image	`xil_create_copy()`
di-256	Could not install error handler	`xil_install_error_handler()`
di_257	Invalid NULL ROI specified	Any of the `xil_roi*()` functions
di-258	Seed pixel not within fill region defined by fill color	`xil_soft_fill()`

Table B-1 XIL Library Error Messages

Error Number	Error Message	Function That Generates Error
di-259	Invalid NULL data pointer	xil_dithermask_create(), xil_histogram_create(), xil_kernel_create(), xil_lookup_get_values(), xil_lookup_set_values(), xil_sel_create(), xil_device_create(), xil_interpolation_table_create()
di-260	Invalid NULL system state	xil_create(), xil_create_from_type(), xil_create_from_device(), xil_create_from_window(), xil_cis_create(), xil_roi_create(), xil_kernel_create(), xil_dithermask_create(), xil_sel_create(), xil_lookup_create(), xil_colorcube_create(), xil_histogram_create(), xil_close(), xil_state_get_synchronize(), xil_state_set_synchronize(), xil_state_get_show_action(), xil_state_set_show_action(), xil_install_error_handler(), xil_remove_error_handler(), xil_image_get_by_name(), xil_lookup_get_by_name(), xil_imageytpe_get_by_name(), xil_cis_get_by_name(), xil_dithermask_get_by_name(), xil_kernel_get_by_name(), xil_sel_get_by_name(), xil_roi_get_by_name(), xil_histogram_get_by_name(), xil_colorspace_get_by_name()

Table B-1 XIL Library Error Messages

Error Number	Error Message	Function That Generates Error
di-261	XilCis: Attempted to set Cell encoding type to unknown value	`xil_cis_set_attribute()` (“`CELL_ENCODING_TYPE`”)
di-262	Invalid NULL SEL specified	`xil_sel_get_width()`, `xil_sel_get_height()`, `xil_sel_get_key_x()`, `xil_sel_get_key_y`, `xil_sel_cretae_copy()`
di-263	Invalid kernel value (NaN)	`xil_kernel_create()`
di-264	Invalid kernel value (infinity or -infinity)	`xil_kernel_create()`
di-265	Invalid NULL histogram specified	`xil_histogram_get_values()`, `xil_histogram_get_limits()`, `xil_histogram_get_info()`, `xil_histogram_get_nbins()`, `xil_histogram_get_nbands()`, `xil_histogram_destroy()`
di-266	Invalid image dimensions specified	`xil_create()`, `xil_create_from_type()`
di-267	Could not copy dither mask	`xil_ordered_dither()`, `xil_dithermask_create_copy()`

Table B-1 XIL Library Error Messages

Error Number	Error Message	Function That Generates Error
di-268	Invalid NULL object pointer	`xil_lookup_get_version()`, `xil_object_get_type()`, `xil_cis_get_name()`, `xil_cis_set_name()`, `xil_dithermask_get_name()`, `xil_dithermask_set_name()`, `xil_get_name()`, `xil_set_name()`, `xil_histogram_get_name()`, `xil_histogram_set_name()`, `xil_imagetype_get_name()`, `xil_imagetype_set_name()`, `xil_kernel_get_name()`, `xil_kernel_set_name()`, `xil_lookup_get_name()`, `xil_lookup_set_name()`, `xil_roi_get_name()`, `xil_roi_set_name()`, `xil_sel_get_name()`, `xil_sel_set_name()`
di-269	Could not set image ROI	Internal error
di-271	Invalid dither mask value (NaN)	`xil_dithermask_create()`
di-272	Invalid dither mask value (greater than 1.0 or less than 0.0)	`xil_dithermask_create()`
di-273	Invalid SEL value (must be 0 or 1)	`xil_sel_create()`
di-274	Could not create internal symbol table	`xil_cis_create()`
di-275	Could not create internal Cell compressor object	`xil_cis_create()`
di-276	Internal error op number not found	Internal error
di-277	Could not create internal CisBufferManager object	`xil_cis_create()`

Table B-1 XIL Library Error Messages

Error Number	Error Message	Function That Generates Error
di-278	Could not create internal base XilDeviceCompression object	`xil_cis_create()`
di-279	Could not set object name	`xil_cis_set_name()`, `xil_dithermask_set_name()`, `xil_set_name()`, `xil_histogram_set_name()`, `xil_imagetype_set_name()`, `xil_kernel_set_name()`, `xil_lookup_set_name()`, `xil_roi_set_name()`, `xil_sel_set_name()`. A secondary error.
di-280	Could not create JpegLL compressor object	`xil_cis_create()`
di-281	Could not create JpegLL decompressor object	`xil_cis_create()`
di-282	Could not create XilCis	`xil_cis_create()`
di-283	XilCis: Cell user data size is too large	`xil_cis_set_attribute()` (“`CELL_USER_DATA`”)
di-284	XilCis: bitstream error: Invalid SOF marker	`xil_decompress()`, `xil_cis_number_of_frames()`, `xil_cis_get_attribute()`, `xil_cis_set_attribute()`, `xil_cis_get_input_type()`, `xil_cis_get_output_type()`, `xil_cis_attempt_recovery()`, `xil_cis_get_bits_ptr()`
di-285	XilCis: Invalid bitstream parameters	`xil_decompress()`, `xil_cis_number_of_frames()`, `xil_cis_get_attribute()`, `xil_cis_set_attribute()`, `xil_cis_get_input_type()`, `xil_cis_get_output_type()`, `xil_cis_attempt_recovery()`, `xil_cis_get_bits_ptr()`

Table B-1 XIL Library Error Messages

Error Number	Error Message	Function That Generates Error
di-286	Could not create full set of standard objects	`xil_open();` a secondary error
di-287	Insert of operation failed	`xil_error_diffusion()`, `xil_nearest_color()`, `xil_ordered_dither()`, `xil_squeeze_range()`. A secondary error.
di-288	XilCis: image for compress has ROIs or non-zero origin	`xil_compress()`
di-289	Invalid data in kernel for use with error diffusion	`xil_error_diffusion()`
di-290	Partial frame start adjustment error on frame position	`xil_decompress()` (with partial frame in the CIS), `xil_cis_number_of_frames()`, `xil_cis_get_attribute()`, `xil_cis_set_attribute()`, `xil_cis_get_input_type()`, `xil_cis_get_output_type()`, `xil_cis_attempt_recovery()`, `xil_cis_get_bits_ptr()`
di-291	Partial frame flag not set on buffer with partial frame	`xil_decompress()`, `xil_cis_number_of_frames()`, `xil_cis_get_attribute()`, `xil_cis_set_attribute()`, `xil_cis_get_input_type()`, `xil_cis_get_output_type()`, `xil_cis_attempt_recovery()`, `xil_cis_get_bits_ptr()`
di-292	Partial frame start adjustment error--mismatch with buffer start	`xil_decompress()`, `xil_cis_number_of_frames()`, `xil_cis_get_attribute()`, `xil_cis_set_attribute()`, `xil_cis_get_input_type()`, `xil_cis_get_output_type()`, `xil_cis_attempt_recovery()`, `xil_cis_get_bits_ptr()`

Table B-1 XIL Library Error Messages

Error Number	Error Message	Function That Generates Error
di-293	Current buffer manager read frame unknown	Internal error
di-294	XilCis: could not derive output type from data in CIS	`xil_decompress()`
di-295	Colorspace and image's number of bands mismatch	`xil_set_colorspace()`
di-296	Invalid NULL colorspace specified	`xil_color_convert()`. An internal error.
di-297	Could not copy colorspace	`xil_color_convert()`. An internal error.
di-298	Could not create colorspace	`xil_open()`. An internal error, probably due to running out of memory.
di-299	Number of bands in destination image does not match lookup table	`xil_lookup()`
di-300	Could not create internal fax compressor	`xil_compress()`
di-301	Invalid NULL X region specified	`xil_roi_add_region()`
di-302	Invalid colorcube multipliers	`xil_colorcube_create()`
di-303	XilCis: Invalid Cell key frame interval – negative	`xil_cis_set_attribute()` `(KEYFRAME_INTERVAL)`
di-304	XilCis: Illegal seek backward in a non-random access CIS	`xil_cis_seek()`
di-305	Bad value for Xil_boolean type	`xil_cis_set_attribute()` `(TEMPORAL_FILTERING, COLORMAP_ADAPTATION)`
di-306	XilCis: Cell colormaps must contain at least 2 colors	`xil_cis_set_attribute()` `(COMPRESSOR_MAX_CMAP_SIZE, COMPRESSOR_COLORMAP)`
di-307	Cell colormaps cannot contain more than 256 colors	`xil_cis_set_attribute()` `(COMPRESSOR_MAX_CMAP_SIZE)`

Table B-1 XIL Library Error Messages

Error Number	Error Message	Function That Generates Error
di-308	XilCis: Cell COMPRESSOR_MAX_ CMAP_SIZE attribute cannot be changed after first xil_compress() call	`xil_cis_set_attribute()` `(COMPRESSOR_MAX_CMAP_SIZE)`
di-310	XilCis: Quantizer value out of range	`xil_cis_set_attribute()` `(QUANTIZATION_TABLE)`
di-311	XilCis: Failure decompressing Cell header	`xil_decompress()`
do-312	XilCis: Illegal H.261 bitstream	`xil_decompress()`
di-313	Compressor for px64 device compression not yet implemented	`xil_compress()`
di-314	XilCis: unable to sync up with current frame PSC in H.261 bitstream	`xil_decompress()`
di-315	XIL I/O Driver: uname system call failed	`xil_create_from_window()`
di-316	XIL Xlib I/O Driver: could not get ximage	`xil_get_pixel()`
di-317	XilCis: Error in seeking. No frames to skip/burn	`xil_cis_seek()`
di-318	XilCis: attribute error: value must be either TRUE or FALSE	`xil_cis_set_attribute()`
di-319	XilCis: no user data established for already scanned Mpeg frame	`xil_cis_seek()`
di-320	XIL I/O Driver: could not get frame buffer info	`xil_create_from_window()`
di-321	Cannot resize a child image	Internal error

Table B-1 XIL Library Error Messages

Error Number	Error Message	Function That Generates Error
di-322	Cannot resize non-device images	Internal error
di-323	Compressor for MPEG-1 device compression not yet implemented	`xil_compress()`
di-324	XilCis: attribute error: value out of range	`xil_cis_set_attribute()`
di-325	XilCis: D (DC intra-coded) frame type not supported	`xil_decompress()`
di-326	Because of Bug ID # 1139760, di-326 prints the error message for di-325. The correct error message for di-326 is: Matrix size does not match with src or dst number of bands	`xil_band_combine()`
di-327	Tried to use an invalid image in an operation	Any operations with an image that becomes invalid. An image becomes invalid when an operation that is supposed to write to it fails.
di-328	Internal error in ROI scan conversion	Internal error
di-329	XilCis: Mpeg1 bitstream error, incomplete frame	Any routine that involves a seek operation within a CIS
di-330	XIL Xlib I/O Driver: could not capture image – window not mapped	`xil_copy()`
di-331	Null lookup list or zero number of lookups to combine	`xil_lookup_create_combined()`
di-332	Input type of lookups are not of same type	`xil_lookup_create_combined()`
di-333	Output type of lookups are not of same type	`xil_lookup_create_combined()`

Table B-1 XIL Library Error Messages

Error Number	Error Message	Function That Generates Error
di-334	Not all lookups have a single band	`xil_lookup_create_combined()`
di-335	Requested lookup table doesn't exist -- num_bands too large	`xil_lookup_create_combined()`
di-336	Wrong lookup type -- not a combined lookup object	`xil_lookup_create_combined()`
di-337	XilCis: wrote more than max_frame_size bytes into frame	xil_compress()
di-338	XilCis: moveEndStart error, read frame must be at end of buffer	xil_cis_get_bits_ptr()
di-339	XilCis: moveEndStart error, read frame must have following frame	xil_cis_get_bits_ptr()
di-340	XilCis: removeStartFrame error, read frame must be start of buffer	xil_cis_get_bits_ptr()
di-341	XilCis: mpeg1 seek, prev_nonbframe_id is frame which already has valid display_id	xil_cis_seek(), xil_decompress() for MPEG-1 CIS
di-342	XilCis: doneBufferSpace called with negative number of bytes, illegal	xil_compress()
di-343	Unsupported edge detection method	`xil_edge_detection()`
di-344	Invalid NULL attribute specified	xil_attribute_set_value(), xil_device_create()
di-347	ROI rectangle width/height cannot be <= 0	Any function that passes an image as an argument

Table B-1 XIL Library Error Messages

Error Number	Error Message	Function That Generates Error
di-348	NULL warp table specified	`xil_tablewarp()`, `xil_tablewarp_horizontal()`, `xil_tablewarp_vertical()`
di-349	Warp table datatype mismatch	`xil_tablewarp()`, `xil_tablewarp_horizontal()`, `xil_tablewarp_vertical()`
di-350	Warp table nbands mismatch	`xil_tablewarp()`, `xil_tablewarp_horizontal()`, `xil_tablewarp_vertical()`
di-351	Could not create Interpolation Table	xil_affine(), xil_interpolation_table_create(), xil_rotate(), xil_scale(), xil_tablewarp(), xil_tablewarp_horizontal(), xil_tablewarp_vertical(), xil_translate()
di-352	Invalid NULL Interpolation Table specified	`xil_interpolation_table_create()`
di-354	X & Y skip values must have value greater than 0	xil_histogram(), xil_histogram_create()
di-356	Can not open specified data file(s)	Could occur with any function whose source image is a Photo CD device image.
di-358	width and height must be defined before parsing XilCis	xil_decompress() of a CellB CIS
di-359	Cannot read from a write-only device	Could occur with any function that tries to read from a write-only device
di-360	Cannot write to a read-only device	Could occur with any function that tries to write to a read-only device