ST-TUNE Dynamic Preset Module
Instruction Manual

DIGITAL INPUTS

preset_1 thru preset_10...press to recall preset, press and hold to store
next_preset and prev_preset...cycle through presets only (not entire AM/FM band)
disable_preset_storage ....hold high to disable preset storage
band_AM, band_FM, band_WX, band_TV ....pulse to select band
AM/FM_band_cycle ....pulse to toggle between AM and FM
AM/FM/WX/TV_band_cycle...pulse to cycle between all four bands
tune_up and tune_down...pulse to tune station
tune_mode_manual and tune_mode_search ....pulse to select tuning mode
sensitivity_high and sensitivity_low...................................pulse to select sensitivity during search tuning mode
tv_*_mode...pulse to select television tuning mode
kpd_0 thru kpd_clr...connect to keypad to allow tuning
ST-TUNE*...route to ST-TUNE symbol
preset_label_recall ....pulse to refresh text on buttons

DIGITAL OUTPUTS

*_fb..feedback for digital inputs
*>>ST-TUNE ....route from ST-TUNE symbol

SERIAL OUTPUTS

band$..indirect text field containing current band
station$..indirect text field containing current station
station_1$ thru station_10$..indirect text labels for preset buttons containing the
                                                                                                station number stored for each button

PARAMETERS

preset store hold time ....amount of time to require button to be held before
                                                                                                storing
auto repeat start delay...amount of time to wait when tuning buttons are held
                                                                                                before auto repeating
auto repeat step delay..amount of time between auto repeats when holding
                                                                                                down tuning buttons

The distribution package for this module should include:

ST-TUNE_Preset_Module_Help_v1.pdf ....this help file
ST-TUNE w-10 presets and text.umc.................................module to insert in your program
st tune keypad.umc ....module used internally by preset module
ST-TUNE preset text store v1.usp.......................................SIMPL+ module used internally by preset module
ST-TUNE preset text store v1.ush.......................................compiled SIMPL+ module
sttune tps2000 v1.vtp ....example touchpanel (TPS-2000)
sttune tps2000 v1.vtz...compiled example touchpanel
sttune demo program v1.smw...example program (PRO2)
sttune demo program v1.spz..compiled example program

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