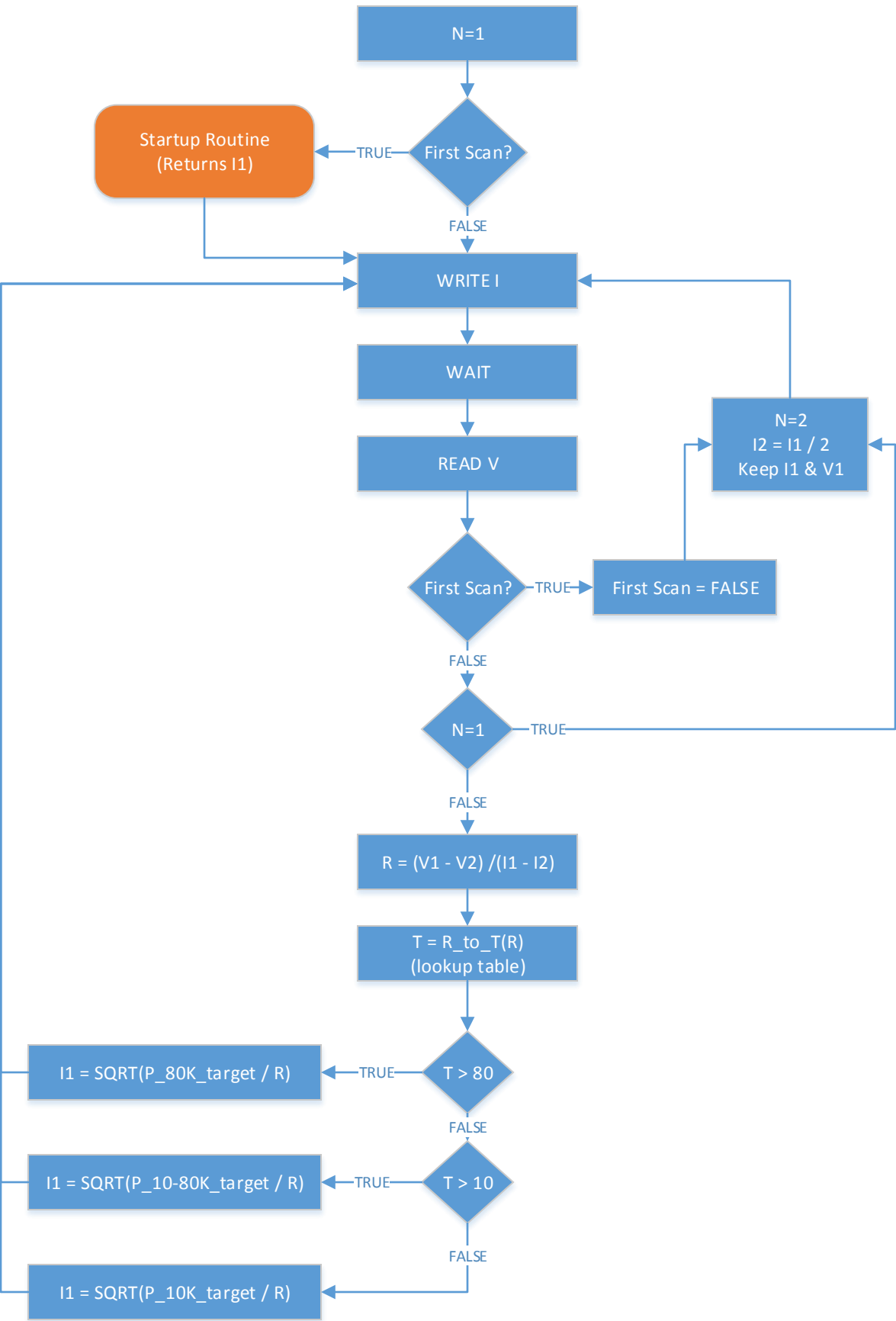


Main Algorithm



Target Dissipation is 90% of LakeShore Limits

For $T < 80\text{K}$: $0.1\text{ uW} < P_{\text{dis}} < 1\text{ uW}$: $P_{\text{80K_target}} = 0.9 * 1\text{ uW} = 0.90\text{ uW}$

For $10\text{K} < T < 80\text{K}$: $0.01\text{ uW} < P_{\text{dis}} < 0.1\text{ uW}$: $P_{\text{10-80K_target}} = 0.9 * .1\text{ uW} = 0.09\text{ uW}$

For $T < 10\text{K}$: $P_{\text{dis}} < 0.01\text{ uW}$: $P_{\text{10K_target}} = 0.9 * 0.01\text{ uW} = 0.009\text{ uW}$

Startup Routine

