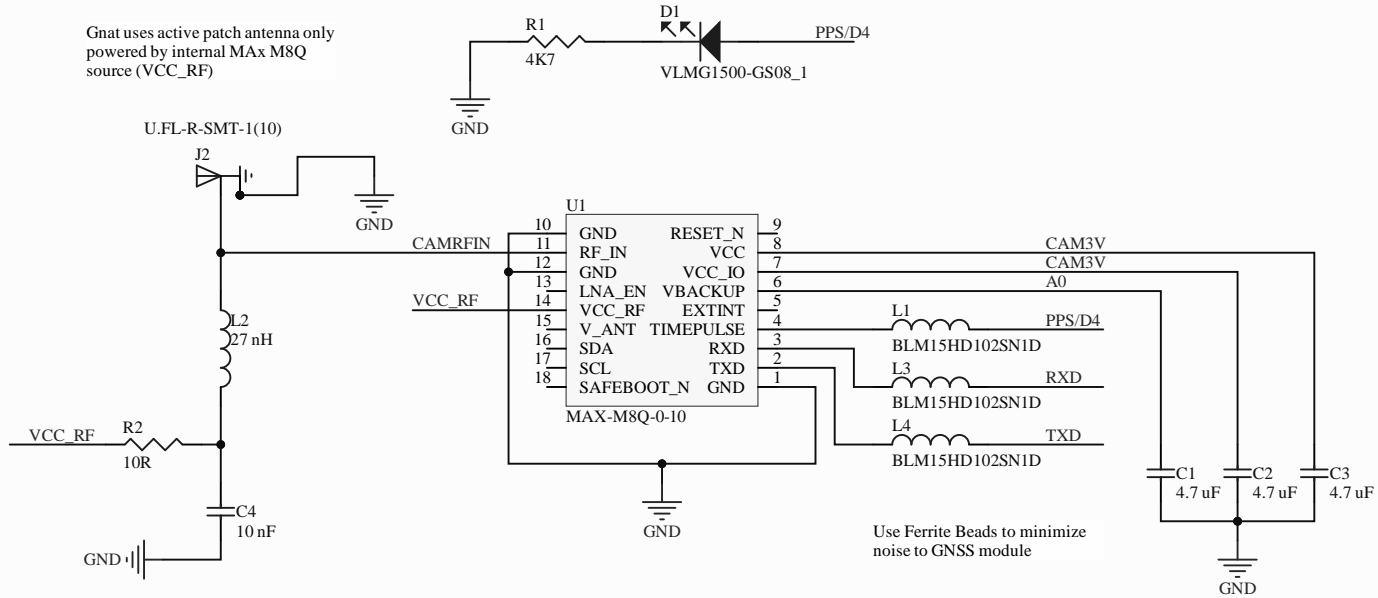


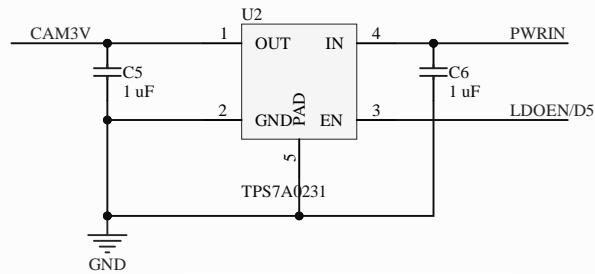
Title		
Size A	Number	Revision
Date:	1/23/2023	Sheet of
File:	C:\Users\...\I2CSensors.SchDoc	Drawn By:

Green pulse-per-second indicator when GNSS module is tracking, can be used as interrupt (D4) to wake the CMWX1ZZABZZ-078 host from STOP/STANDBY

Gnat uses active patch antenna only powered by internal Max M8Q source (VCC_RF)



GNSS module backup power provided by a host GPIO (A0) to allow hot starts from module wakeup to minimize time to fix when actively



Low Iq LDO provides power to GNSS module enabled by host GPIO (D5) so this can be turned off between GNSS fixes to save power

Title			Gnat Asset Tracker	
Size	Number	Revision		
A	2	v.03c		
Date:	1/23/2023	Sheet of	2	
File:	C:\Users\...\MAXM8QCircuit.SchDoc	Drawn By:	Tlera Corporation	