
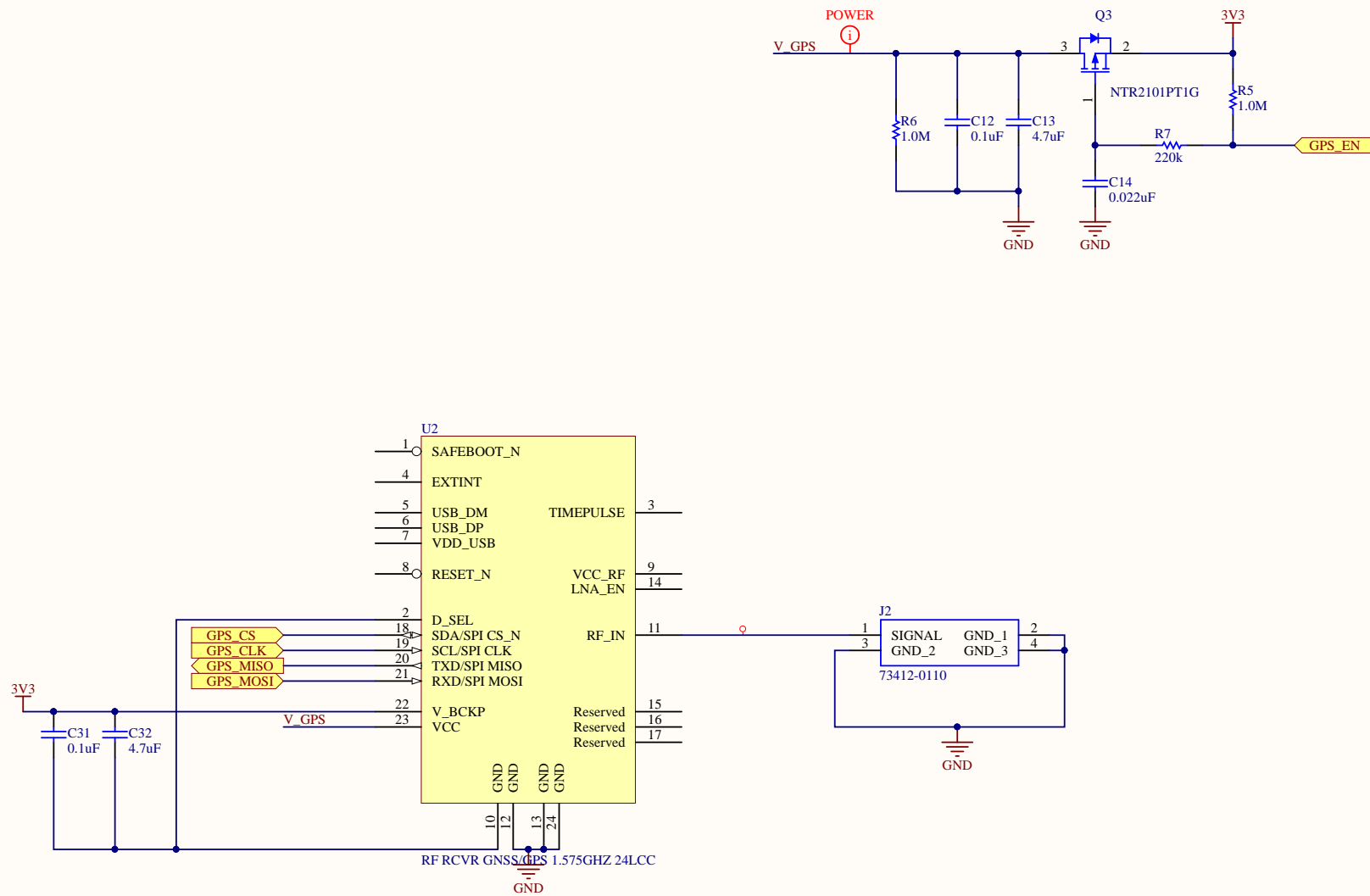

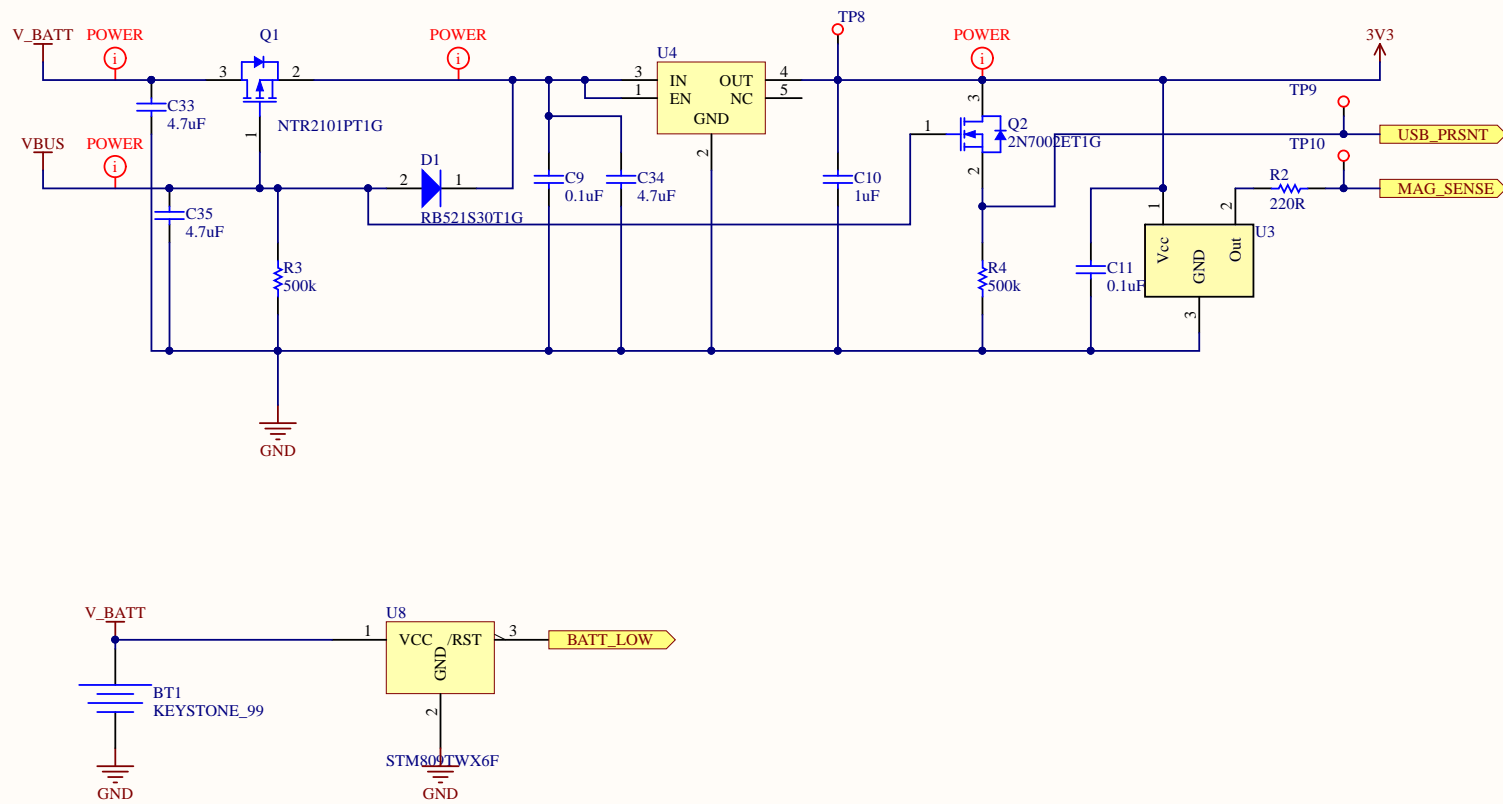



Title Top Level Schematic			<div>Grand Valley State University 301 W Fulton St Grand Rapids, MI 49504</div> <div> GRAND VALLEY STATE UNIVERSITY</div>
Size: A4	Number:*	Revision: AA	
Date: 7/29/2019	Time: 13:07:32	Sheet 1 of 6	
File: D:\git\gvsu-2k19-senior-project\Altium\large collar\topLevel.SchDoc			



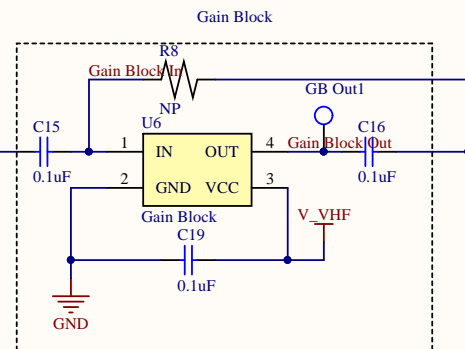
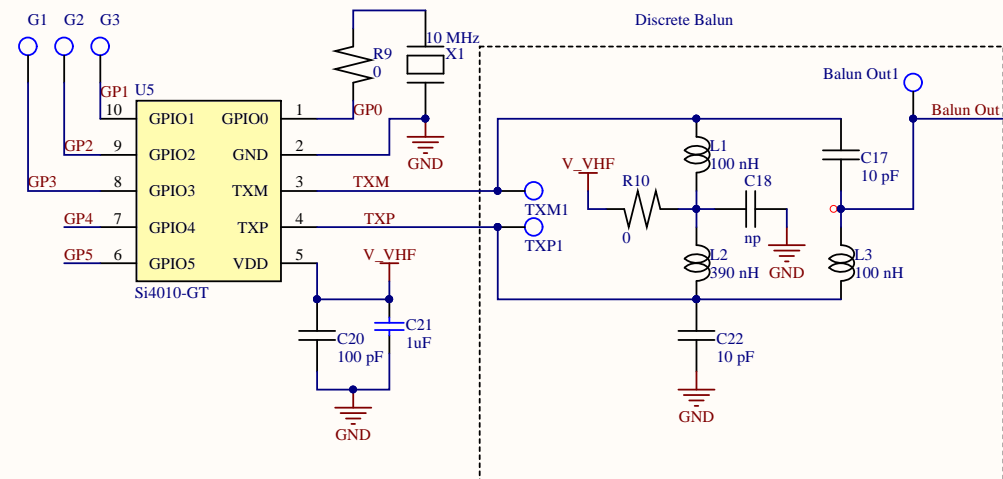
Title *			<div>Grand Valley State University 301 W Fulton St Grand Rapids, MI 49504</div> <div> GRAND VALLEY STATE UNIVERSITY</div>
Size: A4	Number:*	Revision:AA	
Date: 7/29/2019	Time: 13:07:32	Sheet 3 of 6	
File: D:\git\gvsu-2k19-senior-project\Altium\large collar\GPSModule.SchDoc			





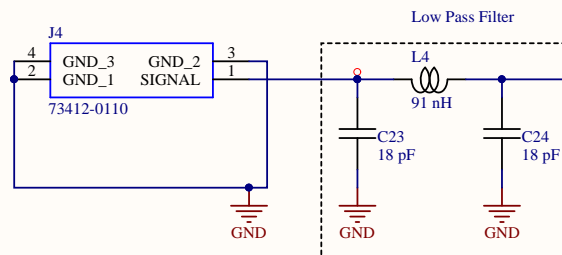
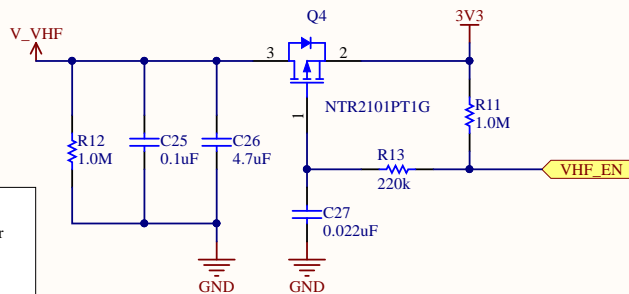
Title <i>Power Selection</i>			<div>Grand Valley State University 301 W Fulton St Grand Rapids, MI 49504 *</div> <div> GRAND VALLEY STATE UNIVERSITY</div>
Size: A4	Number:*	Revision: AA	
Date: 7/29/2019	Time: 13:07:32	Sheet 4 of 6	
File: D:\git\gvsu-2k19-senior-project\Altium\large collar\Power.SchDoc			




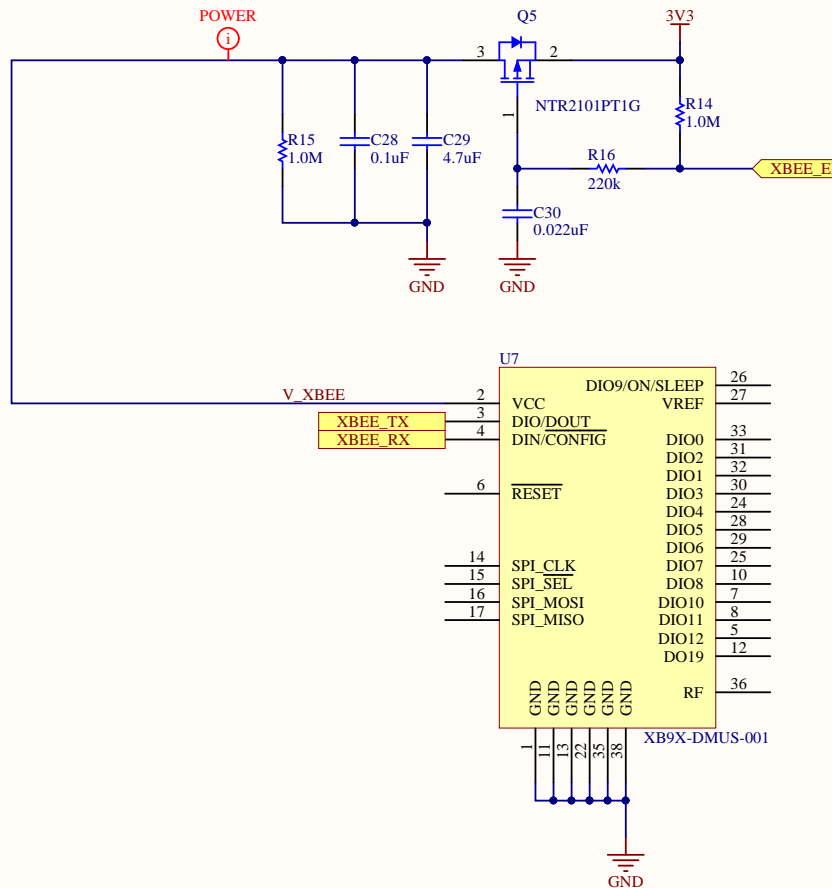


Programming header
can be programmed
through Mill-Max
ED10883-ND


Soldering:
Use Chip Quik SMD4300AX10T4 solder
Use Chip Quik SMDTA30 tips



Title <i>VHF Beacon</i>			<div>Grand Valley State University 301 W Fulton St Grand Rapids, MI 49504</div> <div> GRAND VALLEY STATE UNIVERSITY</div>
Size: A4	Number:*	Revision:AA	
Date: 7/29/2019	Time: 13:07:32	Sheet 5 of 6	
File: D:\git\gvsu-2k19-senior-project\Altium\large collar\Si4010 Beacon Adjusted.SchDoc			



Layout note: Copper keepout on all layers must be placed below rf test points, check datasheet for specific location.

Title <i>XBEE Radio</i>			<div>Grand Valley State University 301 W Fulton St Grand Rapids, MI 49504 *</div> <div> GRAND VALLEY STATE UNIVERSITY</div>
Size: A4	Number:*	Revision: AA	
Date: 7/29/2019	Time: 13:07:32	Sheet 6 of 6	
File: D:\git\gvsu-2k19-senior-project\Altium\large collar\XBeeModule.SchDoc			

