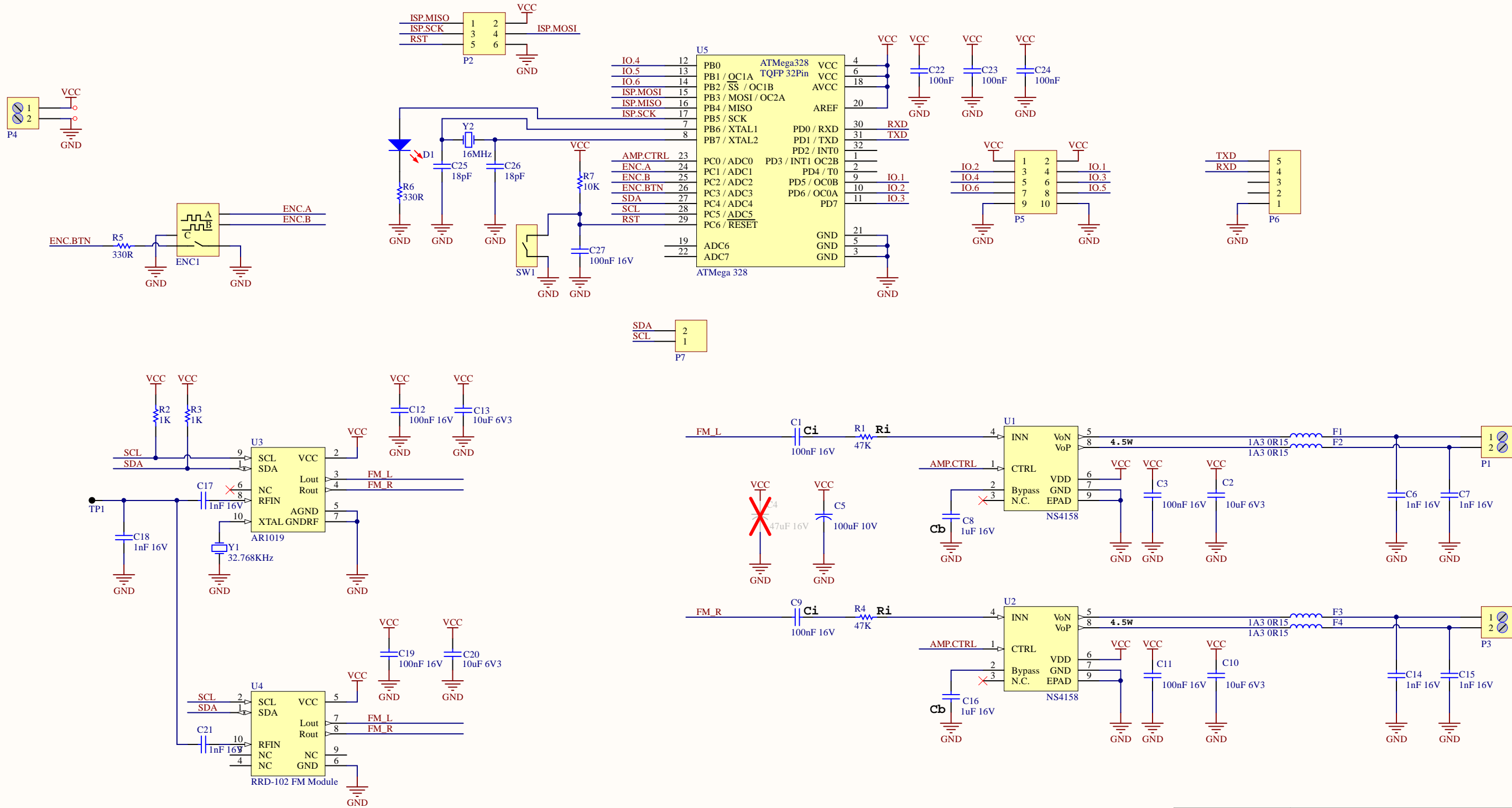


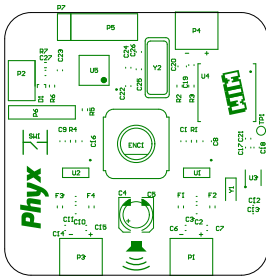
Audio FM Receiver Low Cost


Stereo FM Receiver, Arduino Controlled

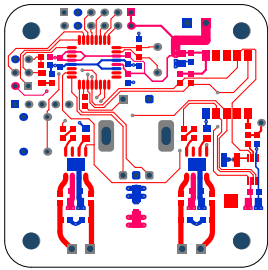
$$R_i = R_{FBinternal} / GAIN$$
$$C_i = 1 / (2 * R_i * \pi * f_c)$$
$$C_i = 1 / (2 * (360K / GAIN) * 3.1415 * f_c)$$

GAIN	Ri	Ci 33Hz	Ci 50Hz	Ci 60Hz	Ci 150Hz
2	180K	27nF	18nF	15nF	5n6F
3	120K	39nF	27nF	22nF	8n6F
4	90K	56nF	33nF	30nF	10nF
5	72K	68nF	47nF	39nF	15nF
6	60K	82nF	56nF	47nF	18nF
7	51K	100nF	56nF	47nF	20nF
8	45K	110nF	68nF	56nF	22nF
9	40K	120nF	82nF	68nF	27nF
10	36K	135nF	100nF	82nF	30nF

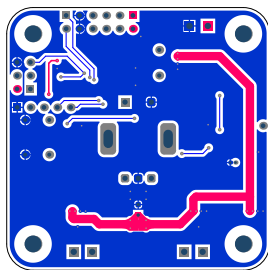




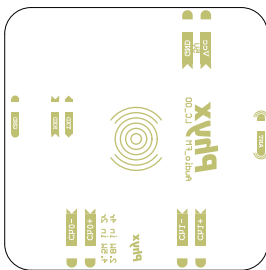
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	Layer Name Top Overlay	
Designer WimVG	Date 5/01/2017	Rev 00
	Document AUDIO_FM_LC_00_PcbDoc	



Phyx	Document		AUDIO_FM_LC
	Layer Name		Top Layer
	Date	5/01/2017	Rev 00
	Designer	WimVG	
Document		AUDIO_FM_LC_00, PcbDoc	



Phyx	Document	
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	Date	Rev
	5/01/2017	00
Designer	Document	
WimVG	AUDIO_FM_LC_00.PcbDoc	



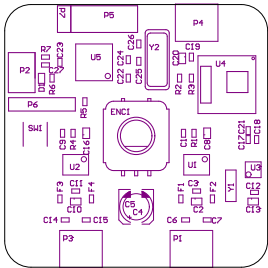
AUDIO_FM_LC

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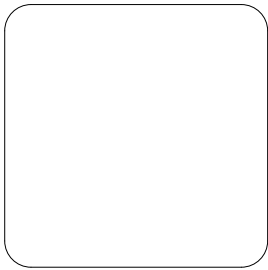
Date	Rev
5/01/2017	00


Desginer
WimVG

Document
AUDIO_FM_LC_00.PcbDoc



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	Date	Rev	
	5/01/2017	00	
Desginer		Document	
WimVG		AUDIO_FM_LC_00,PcbDoc	



	Document AUDIO_FM_LC	
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	Date 5/01/2017	Rev 00
	Document AUDIO_FM_LC_00.PcbDoc	
Designer WimVG		