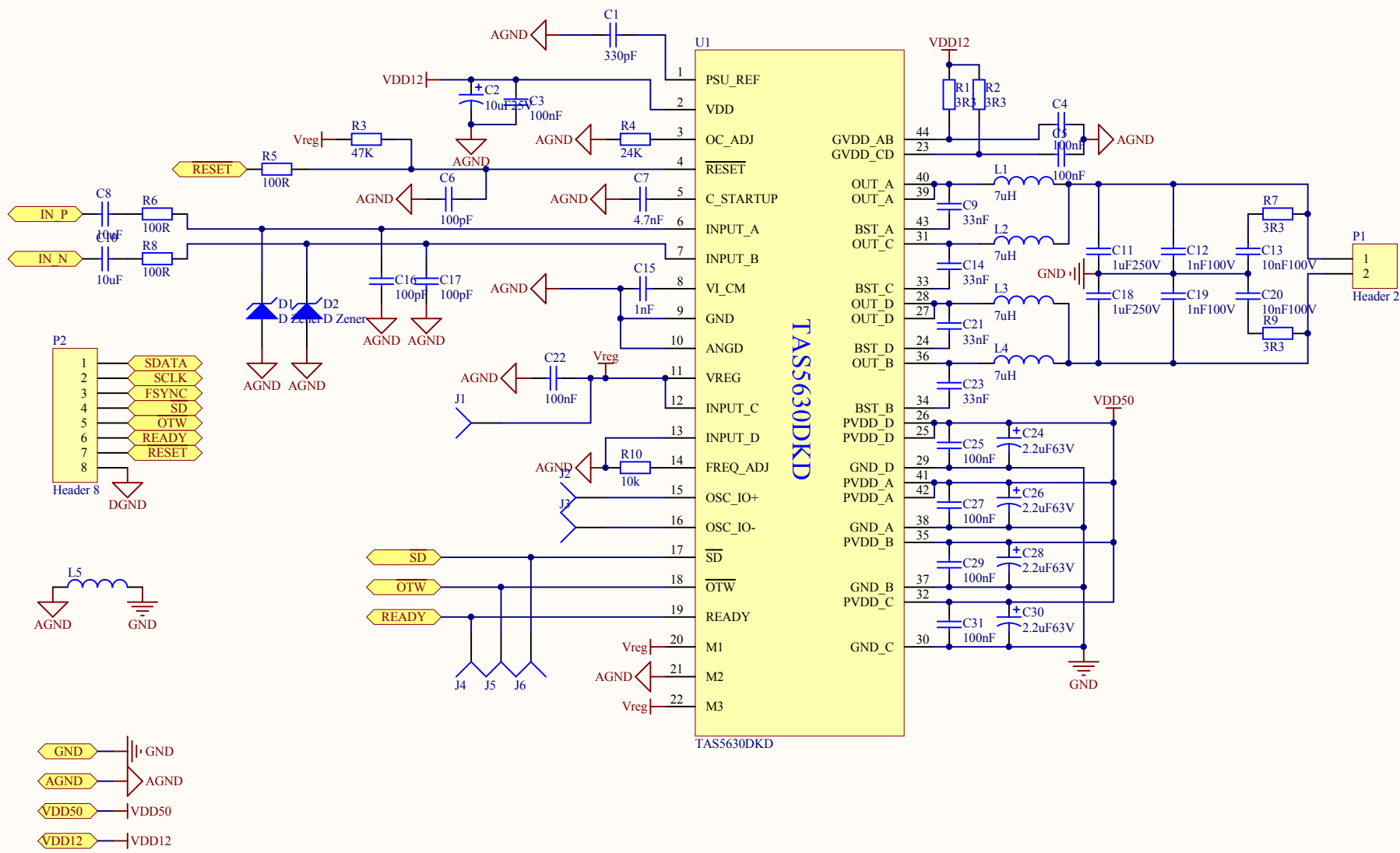




Title			
Size	Number		Revision
A4			
Date:	2015/7/2	Sheet of	
File:	F:\TAS5630	\AP.SchDoc	Drawn By:

Comment	Description	Designator	Footprint	LibRef	Quantity
Cap	Capacitor	C1, C3, C4, C5, C6, C7, C9, C12, C13, C14, C15, C16, C17, C19, C20, C21, C22, C23, C37, C40, C41, C42, C44, C45, C47,	RC0805	Cap	28
Cap Pol1	Polarized Capacitor (Radial)	C2	RC1210	Cap Pol1	1
Cap	Capacitor	C8, C10, C36, C43, C46	RC1210	Cap	5
Cap	Capacitor	C11, C18	XCAP-26-8	Cap	2
Cap Pol1	Polarized Capacitor (Radial)	C24, C26, C28, C30	RC1812	Cap Pol1	4
Cap	Capacitor	C25, C27, C29, C31	RC1812	Cap	4
Cap Pol1	Polarized Capacitor (Radial)	C32, C33	rb7.7-18.2	Cap Pol1	2
Cap Pol1	Polarized Capacitor (Radial)	C34	RB2.0-4.5	Cap Pol1	1
Cap Pol1	Polarized Capacitor (Radial)	C35, C38, C39	RB3.0-8.0	Cap Pol1	3
Cap Pol1	Polarized Capacitor (Radial)	C46	3.2X1.6X1.1	Cap Pol1	1
D Zener	Zener Diode	D1, D2	SOT23_N	D Zener	2
60V1A	Schottky Diode	D3	SMB	D Schottky	1
12V	Typical RED, GREEN, YELLOW, AMBER GaAs LED	D4	3.2X1.6X1.1	LED2	1
50V	Typical RED, GREEN, YELLOW, AMBER GaAs LED	D5	3.2X1.6X1.1	LED2	1
5V	Typical RED, GREEN, YELLOW, AMBER GaAs LED	D6	3.2X1.6X1.1	LED2	1
Socket	Socket	J1, J2, J3, J4, J5, J6, J7, J9, J10, J11	TP	Socket	10
Inductor	Inductor	L1, L2, L3, L4	L-20-12	Inductor	4
Inductor	Inductor	L5, L7	l-3.0-8.0	Inductor	2
Inductor Iron	Magnetic-Core Inductor	L6	l-7.0-7.0	Inductor Iron	1
Header 2	Header, 2-Pin	P1, P3	HD-200-2a	Header 2	2
Header 8	Header, 8-Pin	P2	HDR1X8	Header 8	1
Header 2X2	Header, 2-Pin, Dual	P4	HDR2X2	Header 2X2	1
Res2	Resistor	R1, R2, R7, R9	RC2512	Res2	4
Res2	Resistor	R3, R4, R5, R6, R8, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R21, R22, R23, R24, R25	RC0805	Res2	20
RPot	Potentiometer	R20	radj-1	RPot	1
TAS5630DKD		U1	TAS5630dkd	TAS5630DKD	1
XL7005		U2	xl7005	XL7005	1
1117-5.0		U3	SOT223_N	1117-X	1
SGM3002		U4	sgm3002	SGM3002	1
AD9833		U5	ad9833	AD9833	1
AD8137		U6	ad8137	AD8137	1
XTAL	Header, 2-Pin, Dual row	X1	osc-7050	Header 2X2	1