

Bill of Materials

clkdrv_v3.PrjPCB

08-Feb-10

Quantity	Comment	Footprint	SupplierPartNumber	Designator	Description
87	100n	CC2012-0805	C0805C104K5RAC	C1, C2, C7, C8, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22, C23, C28, C29, C30, C31, C32, C33, C34, C35, C36, C37, C38, C39, C40, C41, C42, C43, C44, C49, C50, C51, C52, C53, C54, C55, C56, C57, C58, C61, C62, C64, C65, C66, C67, C68, C69, C70, C71, C72, C73, C74, C75, C76, C77, C78, C79, C80, C81, C82, C83, C84, C85, C86, C87, C88, C89, C90, C91, C92, C93, C94, C95, C96, C97, C98, C99, C100, C101, C102, C103, C104, C105, C106	Capacitor
8	4u7	CC3216-1206	GRM31CR71E475KA88	C3, C4, C5, C6, C9, C10, C11, C12	Capacitor
10	3u3	CC3528-B	293D335X9025B2	C24, C107, C108, C109, C110, C115, C116, C117, C118, C119	Polarized capacitor
1	470n	CC2012-0805	GRM21BR71H474KA88	C120	Capacitor
4	SMB-H	C3528	2743019446	L1, L2, L3, L4	Ferrite bead
5	10uH	C3225-1210	NLC322522T-100K	L5, L6, L7, L8, L9	Inductor
1	DIN120	DIN120RA	65906-5	P1	DIN 120 pin edge connector
8	PXT4401	SOT-89R	PXT4401	Q1, Q2, Q3, Q4, Q5, Q6, Q7, Q8	NPN transistor
8	PXT4403	SOT-89R	PXT4403	Q9, Q10, Q11, Q12, Q13, Q14, Q15, Q16	PNP transistor
24	47K	C3216-1206	CRCW120647K5FKEA	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21, R22, R23, R92	Resistor
20	3K	C3216-1206	CRCW12063K00FKEA	R24, R25, R26, R27, R28, R29, R30, R31, R32, R33, R34, R35, R36, R37, R38, R39, R40, R41, R42, R43	Resistor
20	750	C3216-1206	CRCW1206750RFKEA	R44, R45, R46, R47, R48, R49, R50, R51, R52, R53, R54, R55, R56, R57, R58, R59, R60, R61, R62, R63	Resistor
20	330	C3216-1206	CRCW1206332RFKEA	R64, R65, R66, R67, R68, R69, R70, R71, R72, R73, R74, R75, R76, R77, R78, R79, R80, R81, R82, R83	Resistor
8	150	C3216-1206	CRCW1206150RFKEA	R84, R85, R86, R87, R88, R89, R90, R91	Resistor
16	10R0	C3216-1206	CRCW120610R0FKEA	R93, R94, R95, R96, R97, R98, R99, R100, R101, R102, R103, R104, R105, R106, R107, R108	Resistor
32	510	C3216-1206	CRCW1206511RFKEA	R109, R110, R111, R112, R113, R114, R115, R116, R117, R118, R119, R120, R121, R122, R123, R124, R125, R126, R127, R128, R129, R130, R131, R132, R133, R134, R135, R136, R137, R138, R139, R140	Resistor
4	GND	SMTF	TP-107-02	TP1, TP2, TP3, TP4	Test point
4	MAX547ACMH	QFP10X10-G44/N	MAX547ACMH	U1, U2, U3, U4	Octal 13-bit DAC
10	DG613DY	SO-G16	DG613DY	U5, U6, U7, U8, U9, U10, U11, U12, U13, U14	Dual SPDT analog switch
10	LM6172IM	SO-G8	LM6172IM	U15, U16, U17, U18, U19, U20, U21, U22, U23, U24	Dual op-amp
1	MAX6341ESA	SO-G8	MAX6341ESA	U25	Voltage reference
1	F74X138	SO-G16	74ACT138D	U26	Dual Line Decoder 1-to-4
2	F74X245	SO-G20	74ACT245DW	U27, U28	Octal bus interface