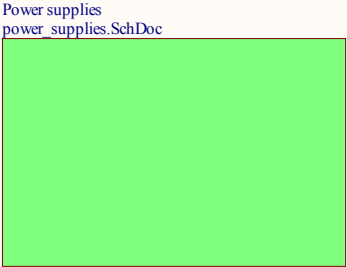
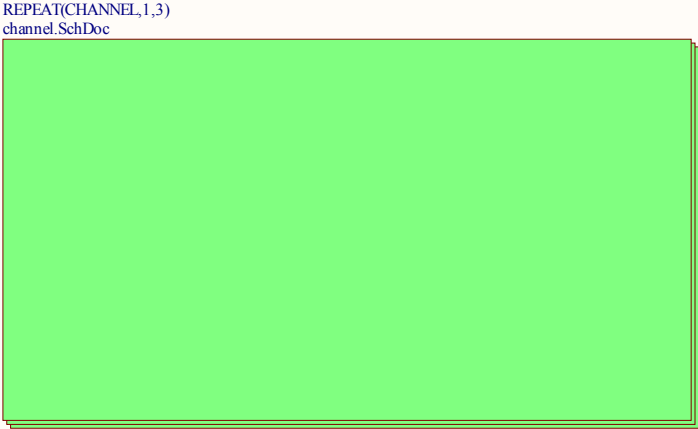


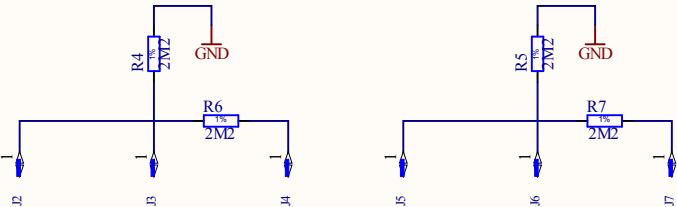
△ NIM levels:
Logic 1 = -14mA to -18mA into 50ohms
Logic 0 = -1mA to +1mA into 50ohms




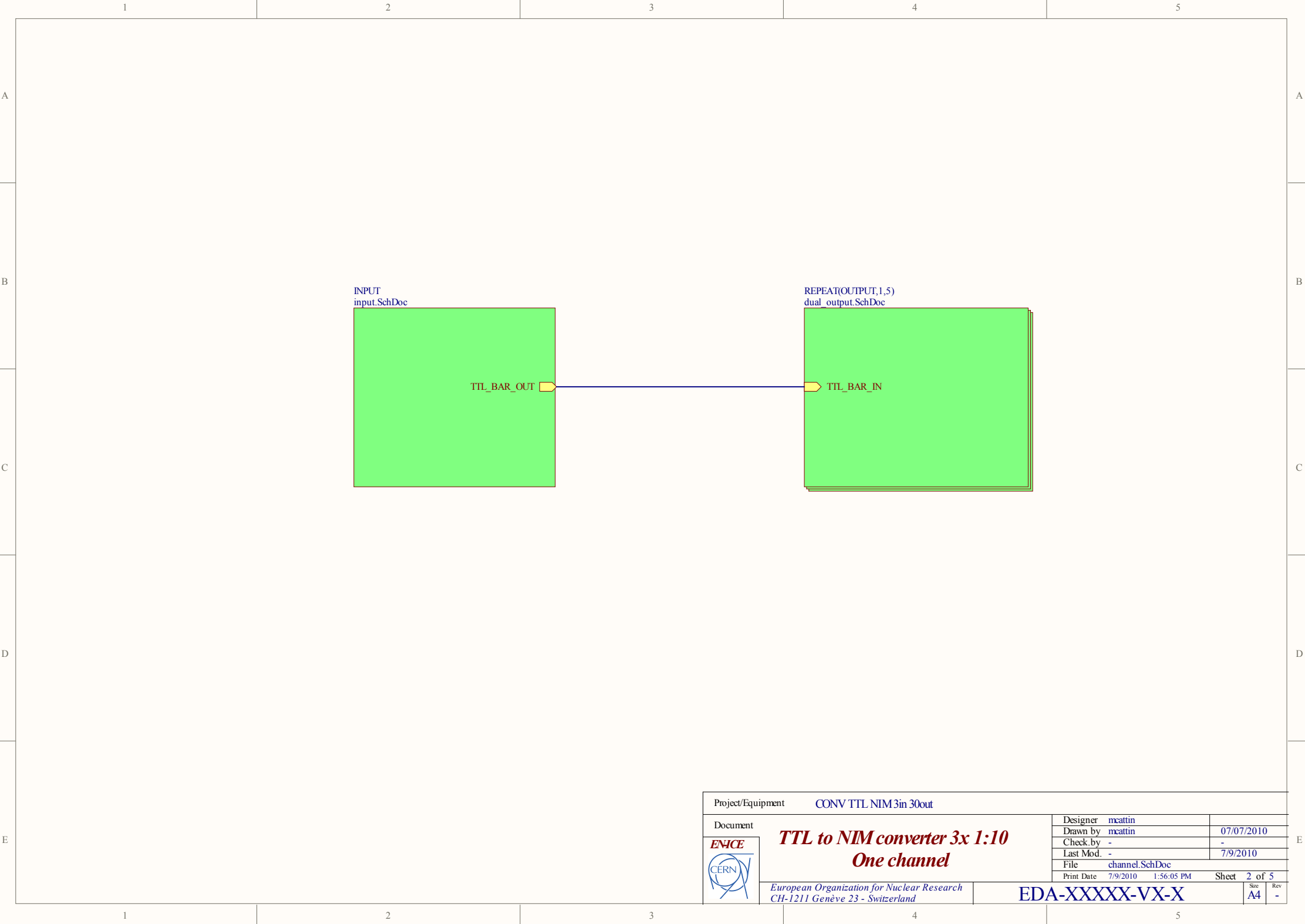
GND test points



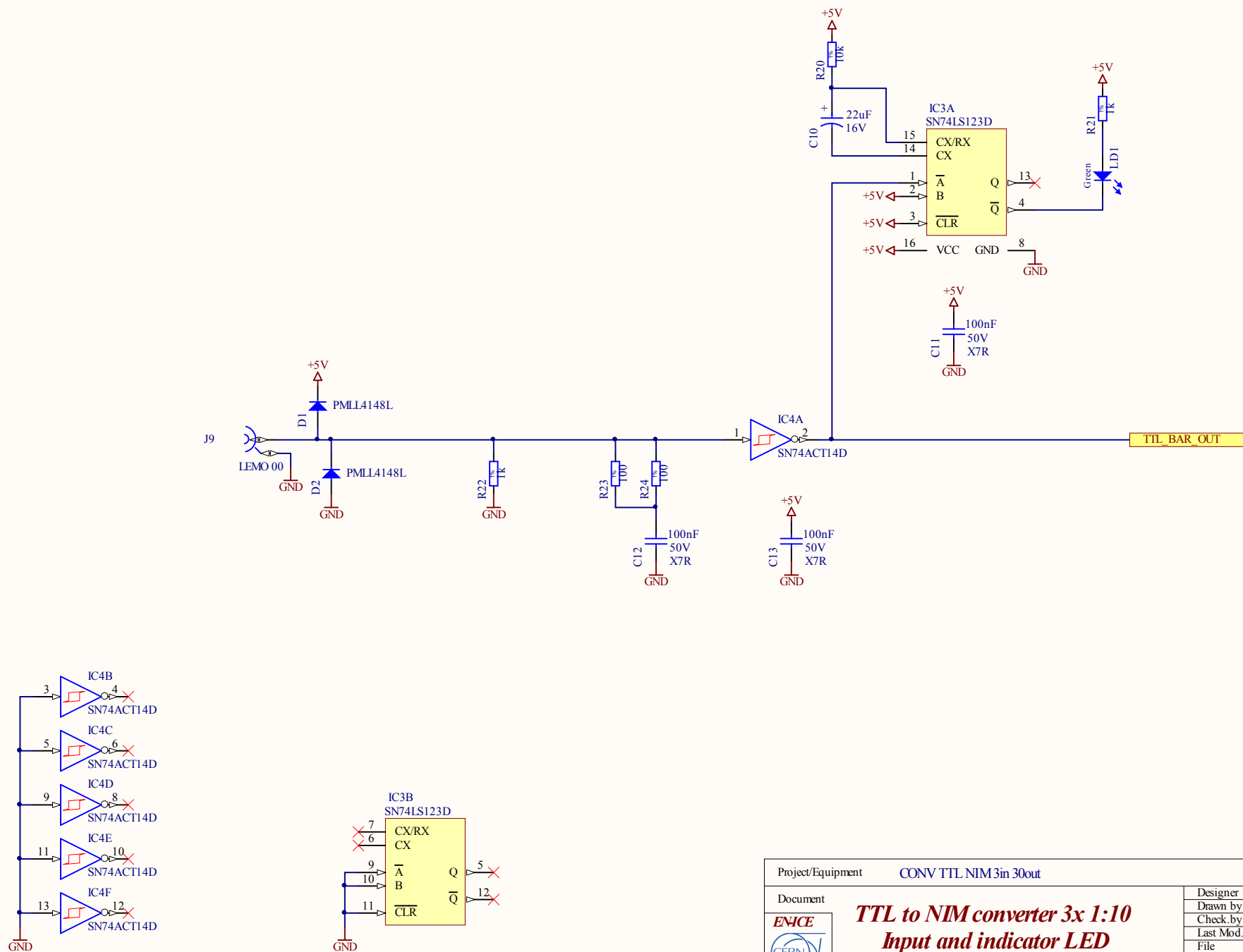
ESD discharge strips (top and bottom of the card)





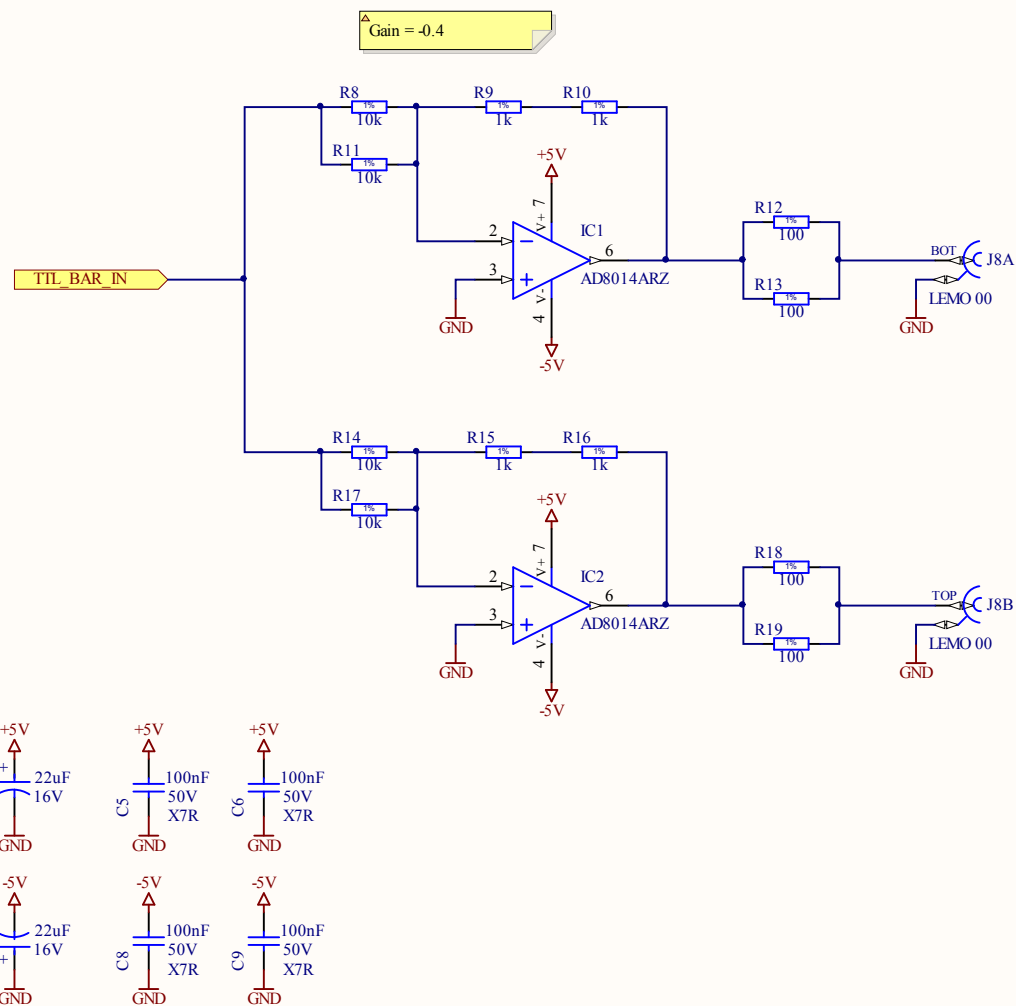
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Document		Designer		mcattin									
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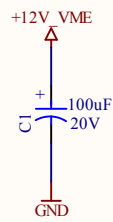
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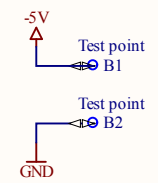
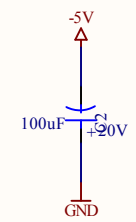
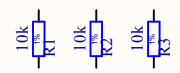
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Document		Designer	mcatin
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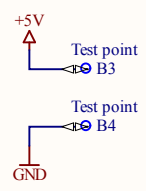
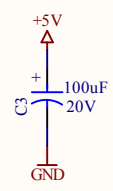
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Size		A4	Rev -



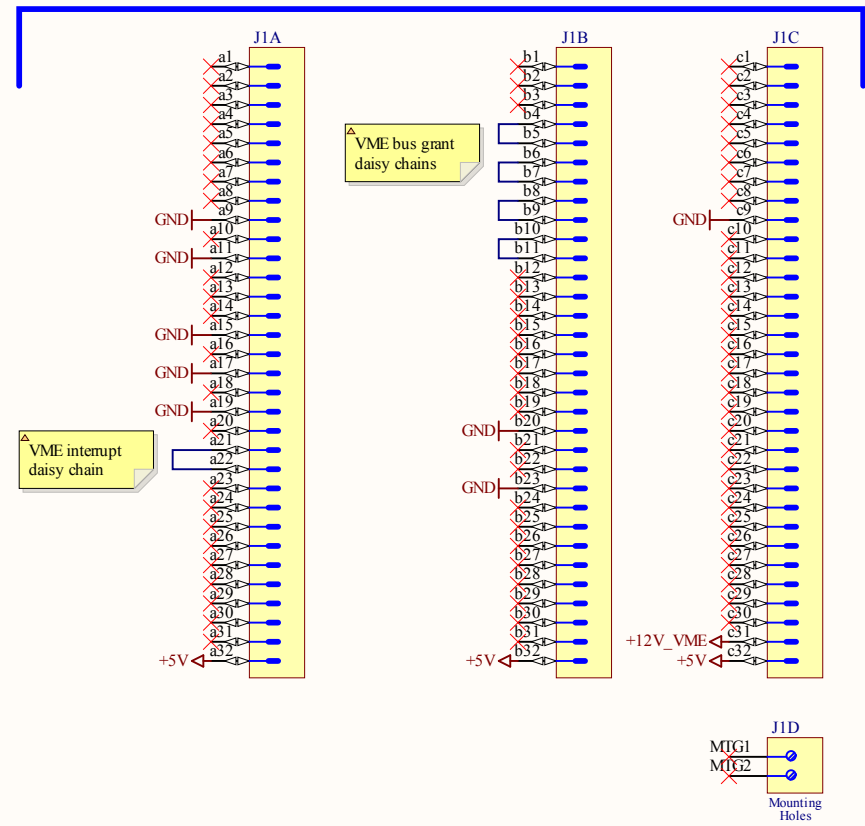
PLACE PIN78000A HERE




Estimated power consumption:
+5V -> 75mA / channel
-5V -> 350mA / channel
Channel = 1 input and 10 outputs



VMEP1



Project/Equipment		CONV TTL NIM3in 30out	
Document		Designer mcatin	
		Drawn by mcatin	07/07/2010
		Check by -	-
		Last Mod. -	7/9/2010
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European Organization for Nuclear Research CH-1211 Genève 23 - Switzerland		Print Date 7/9/2010 1:56:06 PM	Sheet 5 of 5
		EDA-XXXXX-VX-X	Size A4 Rev -

Component	Description	Designator	Footprint	Library	Quantity
Test point	Single Terminal Pad	T1, R2, R3, B4	05TERMIN1_Pad_16x13	05TERMIN1_Pad_16x13	4
100uF	Polarized capacitor	C1, C2, C3	CAP6550 100K1150	25P_100K_25V 25V, 100K, 100% SMDV_5H	3
22uF	Polarized capacitor	C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27, C28, C29, C30, C31, C32, C33, C34, C35, C36, C37, C38, C39, C40, C41, C42, C43, C44, C45, C46, C47, C48, C49, C50, C51, C52, C53, C54, C55, C56, C57, C58, C59, C60, C61, C62, C63, 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, C107, C108, C109, C110, C111, C112, C113, C114, C115, C116, C117, C118, C119, C120, C121, C122, C123, C124, C125, C126, C127, C128, C129, C130, C131, C132, C133, C134, C135, C136, C137, C138, C139, C140, C141, C142, C143, C144, C145, C146, C147, C148, C149, C150, C151, C152, C153, C154, C155, C156, C157, C158, C159, C160, C161, C162, C163, C164, C165, C166, C167, C168, C169, C170, C171, C172, C173, C174, C175, C176, C177, C178, C179, C180, C181, C182, 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