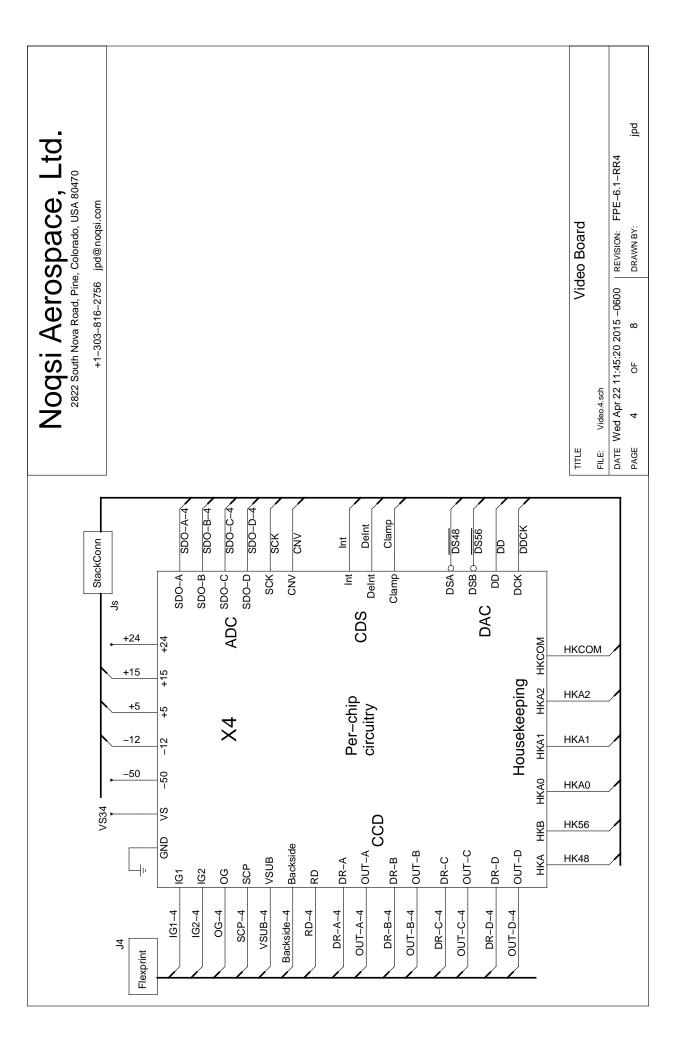
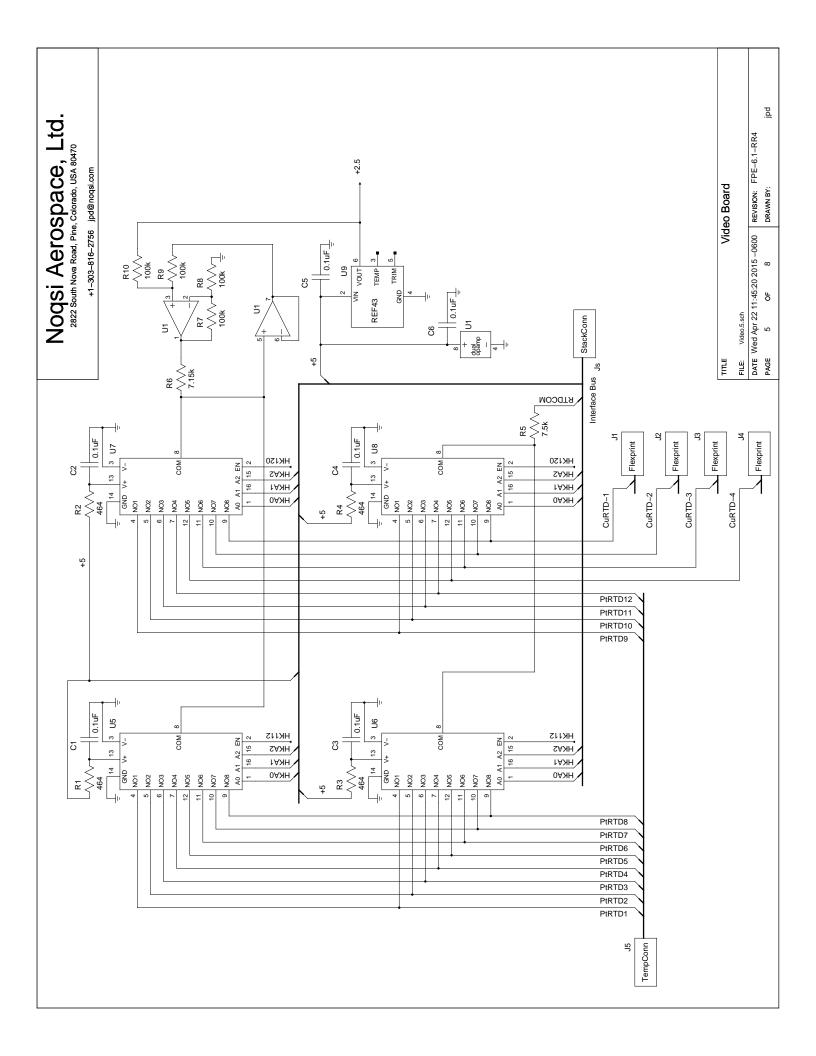
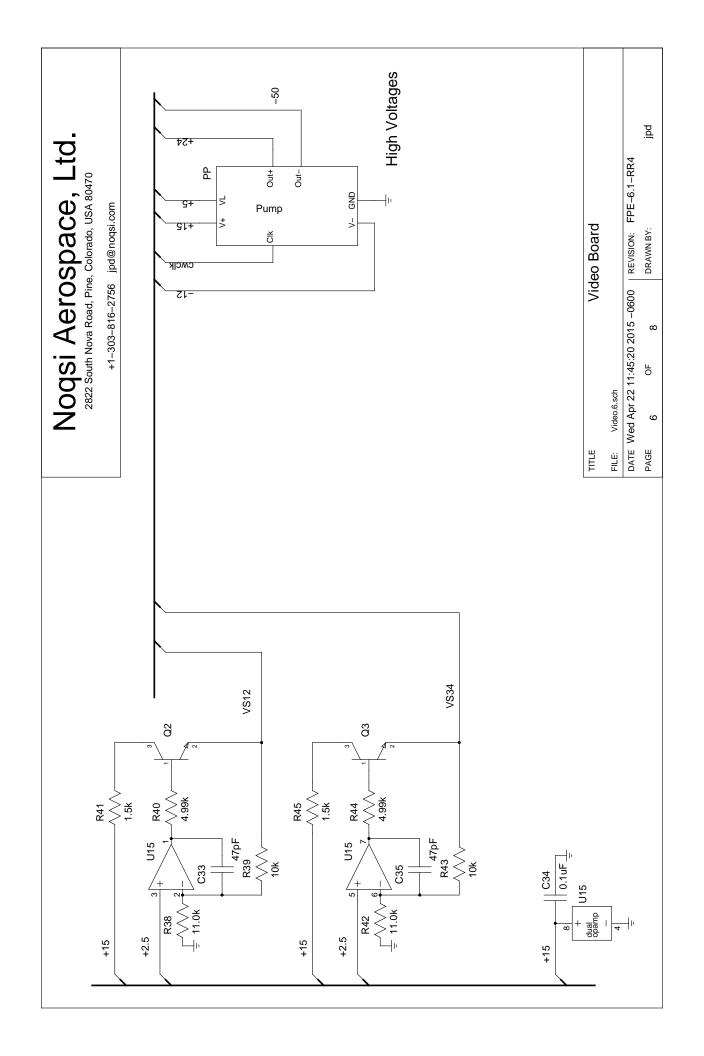


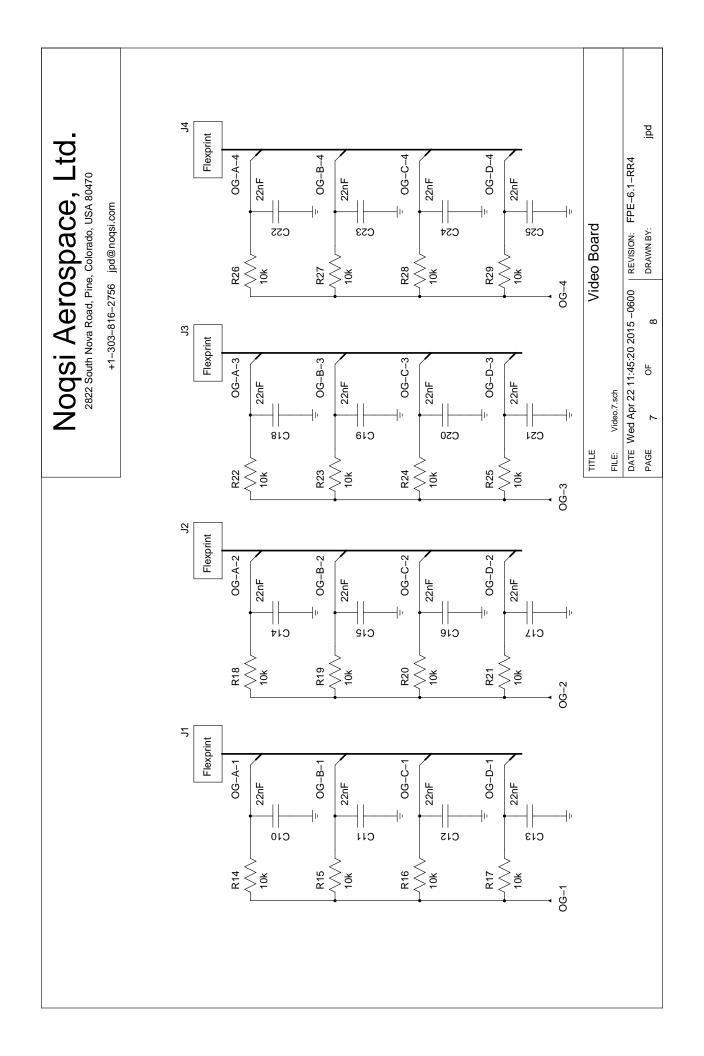
## bd Nodsi Aerospace, Ltd DATE Wed Apr 22 11:45:20 2015 -0600 | REVISION: FPE-6.1-RR4 2822 South Nova Road, Pine, Colorado, USA 80470 +1-303-816-2756 jpd@noqsi.com Video Board DRAWN BY: FILE: Video.2.sch TITLE SDO-A-2 SDO-C-2 SDO-B-2 SDO-D-2 Clamp DeInt DDCK **DS16** CN/ Ħ StackConn 8 ADC SDO-C DSA DSB SDO-D t DeInt Clamp S SDO-A SDO-B SCK CNS 8 S DAC CDS +24 +24 HKA2 HKCOM HKCOM +15 Housekeeping HKA2 Per-chip circuitry +5 X HKA1 HKA1 -50 HKA0 HKA0 VS12 CCD HK24 HKA HKB GND Backside OUT-A OUT-B OUT-C OUT-D VSUB DR-B DR-C DR-D HK16 DR-A SCP 90 RD <u>6</u> DR-A-2 IG1-2 IG2-2 OG-2 SCP-2 VSUB-2 RD-2 Backside-2 OUT-A-2 DR-B-2 OUT-B-2 DR-C-2 OUT-C-2 DR-D-2 OUT-D-2 72 Flexprint

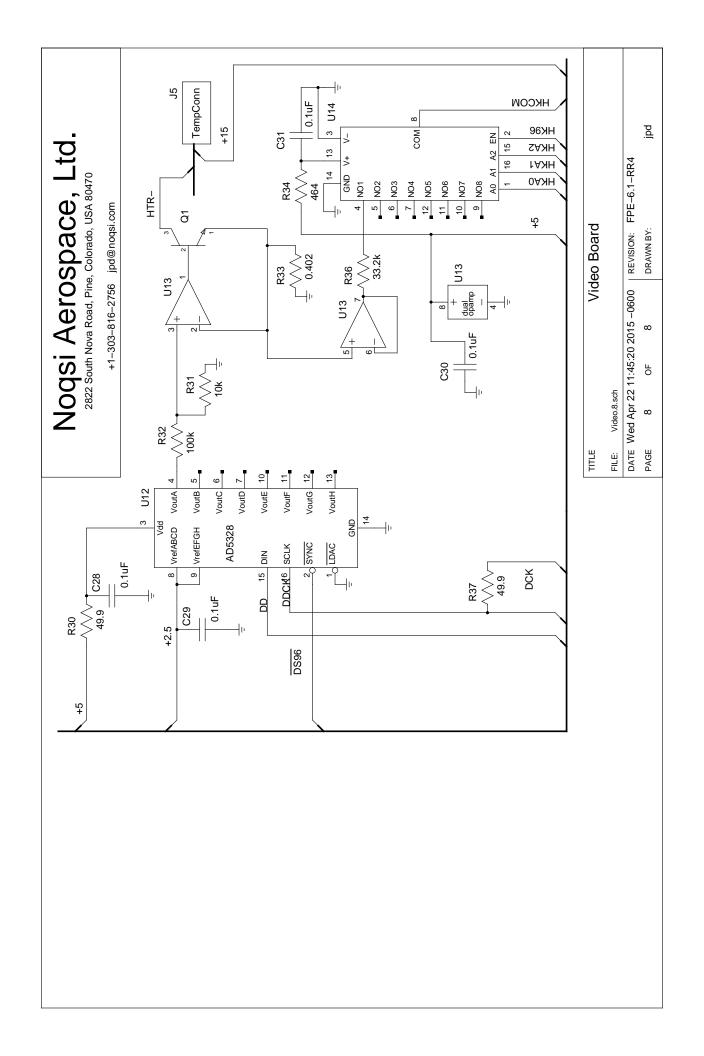
## bd Nodsi Aerospace, Ltd DATE Wed Apr 22 11:45:20 2015 -0600 | REVISION: FPE-6.1-RR4 2822 South Nova Road, Pine, Colorado, USA 80470 +1-303-816-2756 jpd@noqsi.com Video Board DRAWN BY: FILE: Video.3.sch TITLE SD0-A-3 SDO-C-3 SDO-D-3 SDO-B-3 Clamp DeInt DDCK **DS32** CN/ Ħ StackConn ADC SDO-C DSA DSB SDO-D t DeInt S SDO-A SDO-B SCK CNS Clamp 8 S DAC CDS +24 +24 HKA2 HKCOM HKCOM +15 Housekeeping HKA2 Per-chip circuitry +5 $\times$ 3 HKA1 HKA1 -50 HKA0 HKA0 VS34 CCD HK40 HKA HKB GND Backside OUT-A OUT-B OUT-C OUT-D VSUB DR-B DR-C DR-D HK32 DR-A SCP 90 RD <u>6</u> VSUB-3 DR-A-3 IG1-3 IG2-3 OG-3 SCP-3 RD-3 Backside-3 OUT-A-3 DR-B-3 OUT-B-3 DR-C-3 OUT-C-3 DR-D-3 OUT-D-3 ಬ Flexprint











Apr 22			Video.bom.	txt	Page 1/41
refdes	device value	spec	footprint	descrip	
R36	RESISTOR	33.2k	1% 1/10W	0603	Resistor
R33	RESISTOR	0.402	1% 1/10W	0603	Resistor
Q1	LM195H unknown			0005	RESISCOI
R32	RESISTOR	100k	1% 1/10W	0603	Resistor
R31	RESISTOR	10k	1% 1/10W	0603	Resistor
R37	RESISTOR	49.9	1% 1/10W	0603	Resistor
U13	DUAL_OPAMP	LT2078A	IS8 N/A	S08	unknown
C30	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacitor
C31	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacitor
R34	RESISTOR	464	1% 1/10W	0603	Resistor
U14	MAX308CSE+		unknown S016		analog mux
R30	RESISTOR	49.9	1% 1/10W	0603	Resistor
C28	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacitor
C29	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacitor
U12			TSSOP16 Octal D		Danishan
R17 C13	RESISTOR	10k	1% 1/10W	0603	Resistor
R16	CAPACITOR RESISTOR	22nF 10k	50WVDC X7R 1% 1/10W	0603 0603	Ceramic capacitor Resistor
C12	CAPACITOR	22nF	50WVDC X7R	0603	Ceramic capacitor
R15	RESISTOR	10k	1% 1/10W	0603	Resistor
C11	CAPACITOR	22nF	50WVDC X7R	0603	Ceramic capacitor
R14	RESISTOR	10k	1% 1/10W	0603	Resistor
C10	CAPACITOR	22nF	50WVDC X7R	0603	Ceramic capacitor
R21	RESISTOR	10k	1% 1/10W	0603	Resistor
C17	CAPACITOR	22nF	50WVDC X7R	0603	Ceramic capacitor
R20	RESISTOR	10k	1% 1/10W	0603	Resistor
C16	CAPACITOR	22nF	50WVDC X7R	0603	Ceramic capacitor
R19	RESISTOR	10k	1% 1/10W	0603	Resistor
C15	CAPACITOR	22nF	50WVDC X7R	0603	Ceramic capacitor
R18	RESISTOR	10k	1% 1/10W	0603	Resistor
C14	CAPACITOR	22nF	50WVDC X7R	0603	Ceramic capacitor
R25	RESISTOR	10k	1% 1/10W	0603	Resistor
C21	CAPACITOR	22nF	50WVDC X7R	0603	Ceramic capacitor
R24	RESISTOR	10k	1% 1/10W	0603	Resistor
C20	CAPACITOR	22nF	50WVDC X7R	0603	Ceramic capacitor
R23 C19	RESISTOR	10k 22nF	1% 1/10W 50WVDC X7R	0603 0603	Resistor
R22	CAPACITOR RESISTOR	10k	1% 1/10W	0603	Ceramic capacitor Resistor
C18	CAPACITOR	22nF	50WVDC X7R	0603	Ceramic capacitor
R29	RESISTOR	10k	1% 1/10W	0603	Resistor
C25	CAPACITOR	22nF	50WVDC X7R	0603	Ceramic capacitor
R28	RESISTOR	10k	1% 1/10W	0603	Resistor
C24	CAPACITOR	22nF	50WVDC X7R	0603	Ceramic capacitor
R27	RESISTOR	10k	1% 1/10W	0603	Resistor
C23	CAPACITOR	22nF	50WVDC X7R	0603	Ceramic capacitor
R26	RESISTOR	10k	1% 1/10W	0603	Resistor
C22	CAPACITOR	22nF	50WVDC X7R	0603	Ceramic capacitor
C35	CAPACITOR	47pF	50WVDC NP0	0603	Ceramic capacitor
C33	CAPACITOR	47pF	50WVDC NP0	0603	Ceramic capacitor
R45	RESISTOR	1.5k	1% 1/4W 0603	Resisto	
R44	RESISTOR	4.99k	1% 1/10W	0603	Resistor
Q3	NPN_TRANSISTOR	MMBT2222			unknown
R43	RESISTOR	10k	1% 1/10W	0603	Resistor
R42	RESISTOR	11.0k	1% 1/10W	0603	Resistor
C34	CAPACITOR	0.1uF	25WVDC X7R	0603	Ceramic capacitor
R41 R40	RESISTOR RESISTOR	1.5k 4.99k	1% 1/4W 0603 1% 1/10W	Resistor 0603	r Resistor
Q2	NPN_TRANSISTOR				unknown
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	MEINTIVATION TOTOR	ד 7 7 7 7 ד כדו.וו.י	LA UIINIIUWII	עט	CTIT/TITO MIT

Apr 22, 1	15 11:47		Video.bom.	txt		Page 2/41
R39	RESISTOR	10k	1% 1/10W	0603	Resistor	
R38	RESISTOR	11.0k	1% 1/10W	0603	Resistor	
U15	DUAL_OPAMP	LM6142A		SO8	generic dual or	erational
amplifi	ier, SO8					
PP/C14	CAPACITOR	0.68uF	50WVDC X7R	1812	Ceramic capacit	cor
PP/R13	RESISTOR	23.7	1% 1/4W 0805	Resisto	2	
PP/C13	CAPACITOR	22nF	100WVDC X7R	0805	Ceramic capacit	cor
	RESISTOR	200	1% 1/4W 0805	Resisto		
	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacit	cor
PP/R11	RESISTOR	100	1% 1/4W 0805	Resisto		
PP/C10	CAPACITOR		25WVDC X7R	1206	Ceramic capacit	cor
PP/R3	RESISTOR	60.4k	1% 1/10W	0603	Resistor	
PP/R2	RESISTOR	30.1k	1% 1/10W	0603	Resistor	
	RESISTOR	16.9	1% 1/10W	0603	Resistor	al Mod +
PP/Q4	PMOS_TRANSISTOR		JN unknown	10252AA	generic P chanr	iel MOS tr
	r (enhancement ty PNP_TRANSISTOR		7.7 unlen our	TID	unknown	
PP/Q1 PP/C11	CAPACITOR	0.27uF	25WVDC X7R	1206	Ceramic capacit	Or
PP/C11 PP/C9	CAPACITOR	DNP	50WVDC X7R		Ceramic capacit	
PP/C8		22nF	50WVDC X7R		Ceramic capacit	
PP/C7	CAPACITOR	22nF	50WVDC X7R	0603	Ceramic capacit	
PP/C6	CAPACITOR	~ ~ -	50WVDC X7R	0.500	Ceramic capacit	
PP/D8	DIODE 1N914UR		DO213AA Signal		001020 00	
PP/D7	DIODE 1N914UR		DO213AA Signal			
PP/D6	DIODE 1N914UR		DO213AA Signal			
PP/D5	DIODE 1N914UR		DO213AA Signal			
PP/D4	DIODE 1N914UR		DO213AA Signal			
PP/C5	CAPACITOR	22nF	50WVDC X7R	0603	Ceramic capacit	cor
PP/D3	DIODE 1N914UR	N/A	DO213AA Signal	Diode		
PP/C4	CAPACITOR	22nF	50WVDC X7R	0603	Ceramic capacit	cor
PP/D2	DIODE 1N914UR		DO213AA Signal			
PP/C3	CAPACITOR	22nF	50WVDC X7R	0603	Ceramic capacit	cor
	RESISTOR	20	1% 1/10W	0603	Resistor	
PP/C2	CAPACITOR	22nF	50WVDC X7R	0603	Ceramic capacit	cor
PP/D1	DIODE 1N914UR		DO213AA Signal		<b>D</b> ' '	
PP/R9	RESISTOR	100	1% 1/10W	0603	Resistor	
	PNP_TRANSISTOR			0603	unknown	
PP/R8	RESISTOR NPN_TRANSISTOR	100	1% 1/10W 2A unknown		Resistor unknown	
PP/Q5 PP/R7	RESISTOR	100	5% 1/10W	0603	Resistor	
PP/C1	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacit	or
PP/U1		unknown		DT switch		. O L
PP/R6	RESISTOR	133k	1% 1/10W	0603	Resistor	
PP/R5	RESISTOR	26.7k	1% 1/10W	0603	Resistor	
PP/R4	RESISTOR	16.9	1% 1/10W	0603	Resistor	
PP/Q3	NMOS_TRANSISTOR				generic N chanr	nel MOS tr
	r (enhancement ty			<b>-</b>	<u> </u>	<del></del>
PP/Q2	NPN TRANSISTOR	MMBT2222	2A unknown	UB	unknown	
U1	DUAL_OPAMP	LT2078A		S08	unknown	
C6	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacit	cor
C5	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacit	
U9	REFERENCE	REF43GS		2.5V Re	ference	
R10	RESISTOR	100k	1% 1/10W	0603	Resistor	
R9	RESISTOR	100k	1% 1/10W	0603	Resistor	
R8	RESISTOR	100k	1% 1/10W	0603	Resistor	
R7	RESISTOR	100k	1% 1/10W	0603	Resistor	
R6	RESISTOR	7.15k	1% 1/10W	0603	Resistor	
R5	RESISTOR	7.5k	1% 1/10W	0603	Resistor	
C4	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacit	cor

Apr 22,	15 11:47		Vide	eo.bom	.txt		Page 3/41
C3	CAPACITOR	0.1uF	16WVDC 2	 <7R	0603	Ceramic	capacitor
R4	RESISTOR	464	1% 1/10		0603	Resisto	
R3	RESISTOR	464	1% 1/10		0603	Resisto	r
C2	CAPACITOR	0.1uF	16WVDC	K7R	0603	Ceramic	capacitor
R2	RESISTOR	464	1% 1/10	V	0603	Resisto	
J5	TempConn	MDM31P	unknown	MDM31P			
U8	MAX308CSE+		unknown			analog r	
บ7	MAX308CSE+		unknown			analog r	
U6	MAX308CSE+		unknown		_	analog r	
U5	MAX308CSE+		unknown			analog r	
R1	RESISTOR	464	1% 1/10		0603	Resisto	
C1	CAPACITOR	0.1uF	16WVDC 2		0603		capacitor
J4 r	Flexprint	unknown	unknown	NK-2M2-	-051	Airborne	e 51 pin connecto
X4/R53	RESISTOR	3.74k	1% 1/10		0603	Resisto	r
	RESISTOR	3.74k	1% 1/10		0603	Resisto	
	CAPACITOR	0.1uF	16WVDC		0603		capacitor
X4/R51	RESISTOR	49.9	1% 1/10		0603	Resisto	
	CAPACITOR	0.1uF	16WVDC		0603		capacitor
	CAPACITOR	22nF	50WVDC		0603		capacitor
X4/U10	MAX308CSE+		unknown			analog r	
X4/C36	CAPACITOR	22nF	50WVDC		0603	Ceramic	capacitor
X4/U9		own unknown				_	
X4/R50	RESISTOR	3.74k	1% 1/100		0603	Resisto	
X4/R49	RESISTOR	3.74k	1% 1/10		0603	Resistor	
X4/C35	CAPACITOR	0.1uF	16WVDC 2		0603		capacitor
X4/R48	RESISTOR	49.9	1% 1/10V		0603	Resistor	
X4/C34	CAPACITOR	0.1uF	16WVDC		0603		capacitor
X4/C33	CAPACITOR MAX308CSE+	22nF	50WVDC 2 unknown		0603		capacitor
X4/U8 X4/C32	CAPACITOR	22nF	50WVDC		0603	analog r	capacitor
X4/U7		own unknown				Ceramic	Capacitor
	CAPACITOR	0.1uF	25WVDC 2		0603	Ceramic	capacitor
X4/L4	EXC-3BB102H		unknown		EMI chi		capacitoi
	CAPACITOR	22nF	50WVDC		0603		capacitor
X4/L3	EXC-3BB102H		unknown		EMI chi		capacitoi
X4/C29	CAPACITOR	22nF	50WVDC		0603	-	capacitor
X4/L2	EXC-3BB102H		unknown		EMI chi		oo.F o. o I o o I
	EXC-3BB102H		unknown		EMI chi		
· ·	CAPACITOR	22nF	50WVDC		0603		capacitor
X4/X6/R3			301k	1%	0603	Resisto	
X4/X6/R3			301k	1%	0603	Resisto	r
X4/X6/U3	1 DUAL	_OPAMP	LT2078A	IS8	N/A	S08	unknown
X4/X6/R3			1.00Meg		0603	Resisto	
X4/X6/R8			100k	1%	0603	Resisto	
X4/X6/R9			300k	1%	0603	Resisto	
X4/X6/R3			100k	1%	0603	Resisto	
X4/X6/R3			301k	1%	0603	Resisto	
X4/X6/C4	4 CAPA	CITOR	330pF	50WVDC	X7R	0603	Ceramic capacito
X4/X6/R3	12 RESI	STOR	470	1% 1/10	OW	0603	Resistor
X4/X6/C		CITOR	47nF	50WVDC		0805	Ceramic capacito
r	J11				-		
x4/x6/C3	3 CAPA	CITOR	22nF	50WVDC	X7R	0603	Ceramic capacito
X4/X6/R6	6 RESI	STOR	49.9	1% 1/10	WC	0603	Resistor
X4/X6/R			1.00Meg		0603	Resisto	
X4/X6/R3			100k	1%	0603	Resistor	
X4/X6/R2			300k	1%	0603	Resistor	
							- 00/00

Apr 22, 15 11:47			Vide	eo.bom	.txt		Page 4/41
X4/X6/R3	RESISTO	 ?	100k	1%	0603	Resisto	r
X4/X6/R4	RESISTO		301k	1%	0603	Resisto	
X4/X6/C1	CAPACIT		330pF	50WVDC		0603	Ceramic capacito
r	011111011	311	33021	3011120	11,10	0005	ceramic capacito
x4/x6/R5	RESISTO	3	470	1% 1/10	WC	0603	Resistor
X4/X6/C2	CAPACIT		47nF	50WVDC		0805	Ceramic capacito
r							-
X4/X5/R14	RESISTO	₹.	301k	1%	0603	Resisto:	r
X4/X5/R15	RESISTO	₹.	301k	1%	0603	Resisto:	r
X4/X5/U1	DUAL_OP	AMP	LT2078A	IS8	N/A	S08	unknown
X4/X5/R13	RESISTO	Я.	1.00Meg	1%	0603	Resisto:	r
X4/X5/R8	RESISTO	Я.	100k	1%	0603	Resisto:	r
X4/X5/R9	RESISTO	З.	300k	1%	0603	Resisto:	r
X4/X5/R10	RESISTO		100k	1%	0603	Resisto:	
X4/X5/R11	RESISTO		301k	1%	0603	Resisto:	
X4/X5/C4	CAPACIT	OR	330pF	50WVDC	X7R	0603	Ceramic capacito
r							_
X4/X5/R12	RESISTO		470	1% 1/10		0603	Resistor
X4/X5/C5	CAPACIT	OR	47nF	50WVDC	X7R	0805	Ceramic capacito
r	a. D. a		00 =	F 0	*******	0.603	
X4/X5/C3	CAPACITO	OR	22nF	50WVDC	X'/R	0603	Ceramic capacito
r x4/x5/D6	DEGTORO	_	40.0	10 1/1/	) T-T	0.602	Danish
X4/X5/R6	RESISTO		49.9	1% 1/10		0603	Resistor
X4/X5/R7	RESISTO		1.00Meg		0603	Resisto:	
X4/X5/R1	RESISTO		100k	1%	0603	Resisto	
X4/X5/R2	RESISTO		300k	1%	0603	Resisto:	
X4/X5/R3	RESISTO		100k	1%	0603	Resisto:	
X4/X5/R4	RESISTO		301k	1%	0603	Resisto:	
X4/X5/C1	CAPACITO	JR	330pF	50WVDC	X/R	0603	Ceramic capacito
r   X4/X5/R5	RESISTO	<b>D</b>	470	1% 1/10	ז גע	0603	Resistor
X4/X5/C2	CAPACIT		470 47nF	50WVDC		0805	Ceramic capacito
r	CAPACII	JK	4 / III	JOWVDC	X/K	0003	Ceramic Capacito
x4/R57 RESISTO	)R	301k	1%	0603	Resisto	r	
X4/R54 RESISTO		0	1%	0603	Resisto		
X4/R47 RESISTO		3.01Meg		0603	Resisto		
X4/R46 RESISTO		37.4k		0603	Resisto		
X4/C27 CAPACIT		22nF	100WVDC		0805		capacitor
X4/R45 RESISTO		40.2k	1%	0603	Resisto		
X4/C26 CAPACIT		33nF	25WVDC		0603		capacitor
X4/R44 RESISTO		604k	1%	0603	Resisto		_
X4/R43 RESISTO		10k	1%	0603	Resisto		
X4/C25 CAPACIT	OR	22nF	100WVDC	X7R	0805	Ceramic	capacitor
X4/R42 RESISTO	R	10k	1%	0603	Resisto		
	NSISTOR		unknown		unknown		
X4/R41 RESISTO		200k	1%	0603	Resisto		
X4/R40 RESISTO		10k	1%	0603	Resisto		
	NSISTOR		unknown		unknown		
X4/C24 CAPACIT		0.1uF	25WVDC		0603		capacitor
X4/R39 RESISTO		133k	1%	0603	Resisto		
X4/U4 DUAL_OP		LM6142A	IM	N/A	S08	generic	dual operational
amplifier, SO8		6043	1.0	0.500	_		
X4/R38 RESISTO		604k	1%	0603	Resisto		
X4/R37 RESISTO		392k	1%	0603	Resisto		
X4/R36 RESISTO		200k	1%	0603	Resisto		
X4/C23 CAPACIT		3.3nF	50WVDC 2		0603		capacitor
X4/R35 RESISTO		470	1% 1/10V		0603	Resisto	
X4/C22 CAPACIT		0.22uF	25WVDC 2		1206		capacitor
X4/U3 DUAL_OP	AMP	LT2078A	rog	N/A	S08	unknown	

Apr 22,	15 11:47		Video.bom	ı.txt	Page 5/41
X4/C21	CAPACITOR	0.22uF	25WVDC X7R	1206	Ceramic capacitor
X4/C20	CAPACITOR	0.1uF	25WVDC X7R	0603	Ceramic capacitor
X4/R34	RESISTOR	44.2k	1% 0603	Resistor	
X4/R33	RESISTOR	604k	1% 0603	Resistor	
X4/R32	RESISTOR	56.2k	1% 0603	Resistor	
X4/R31	RESISTOR	200k	1% 0603	Resistor	
X4/C19	CAPACITOR	3.3nF	50WVDC X7R	0603	Ceramic capacitor
X4/R30	RESISTOR	470	1% 1/10W		Resistor
X4/R29	RESISTOR	44.2k	1% 0603	Resistor	
X4/R28	RESISTOR	604k	1% 0603	Resistor	
X4/R27	RESISTOR	56.2k	1% 0603	Resistor	
X4/R26	RESISTOR	200k	1% 0603	Resistor	
X4/C18	CAPACITOR	3.3nF	50WVDC X7R	0603	Ceramic capacitor
X4/R25	RESISTOR	470	1% 1/10W		Resistor
X4/C17	CAPACITOR	0.22uF	25WVDC X7R	1206	Ceramic capacitor
X4/U2	DUAL_OPAMP	LT2078A	IS8 N/A		ınknown
X4/C15	CAPACITOR	0.1uF	25WVDC X7R	0603	Ceramic capacitor
X4/C16	CAPACITOR	0.047uF	50WVDC X7R		Ceramic capacitor
X4/R24	RESISTOR	54.9k	1% 0603	Resistor	-
X4/R23	RESISTOR	82.5k	1% 0603	Resistor	
X4/R22	RESISTOR	604k	1% 0603	Resistor	
X4/R21	RESISTOR	953k	1% 0603	Resistor	
X4/R20	RESISTOR	200k	1% 0603	Resistor	
X4/C14	CAPACITOR	3.3nF	50WVDC X7R		Ceramic capacitor
X4/R19	RESISTOR	470	1% 1/10W		Resistor
X4/C13	CAPACITOR	0.22uF	25WVDC X7R		Ceramic capacitor
X4/R18	RESISTOR	54.9k	1% 0603	Resistor	-
X4/R17	RESISTOR	82.5k	1% 0603	Resistor	
X4/R16	RESISTOR	604k	1% 0603	Resistor	
X4/R15	RESISTOR	953k	1% 0603	Resistor	
X4/R14	RESISTOR	200k	1% 0603	Resistor	
X4/C12	CAPACITOR	3.3nF	50WVDC X7R		Ceramic capacitor
X4/R13	RESISTOR	470	1% 1/10W		Resistor
X4/C11	CAPACITOR	0.22uF	25WVDC X7R	1206	Ceramic capacitor
X4/C40	CAPACITOR	0.1uF	25WVDC X7R	0603	Ceramic capacitor
X4/U11	DUAL_OPAMP	LM6142A	IM N/A	S08 g	generic dual operational
amplif	ier, SO8				<del>-</del>
X4/U1	DUAL_OPAMP	LT2078A	IS8 N/A	S08 i	ınknown
X4/R12	RESISTOR	24.9k	1% 1/10W		Resistor
X4/C10	CAPACITOR	0.1uF	25WVDC X7R	0603	Ceramic capacitor
X4/C9	CAPACITOR	0.1uF	25WVDC X7R		Ceramic capacitor
X4/C8	CAPACITOR	0.1uF	25WVDC X7R		Ceramic capacitor
X4/R11	RESISTOR	54.9k	1% 0603	Resistor	-
X4/R10	RESISTOR	82.5k	1% 0603	Resistor	
X4/R9	RESISTOR	604k	1% 0603	Resistor	
X4/R8	RESISTOR	953k	1% 0603	Resistor	
X4/R7	RESISTOR	200k	1% 0603	Resistor	
X4/C7	CAPACITOR	3.3nF	50WVDC X7R		Ceramic capacitor
X4/R6	RESISTOR	470	1% 1/10W		Resistor
X4/C6	CAPACITOR	0.22uF	25WVDC X7R		Ceramic capacitor
X4/U5	DUAL_OPAMP	LM6142A			generic dual operational
	ier, SO8		,	_	<u>.</u>
X4/R5	RESISTOR	4.75k	1% 1/10W	0603 F	Resistor
X4/C3	CAPACITOR	620pF	10WVDC X7R		Ceramic capacitor
X4/R4	RESISTOR	14.7k	1% 1/10W		Resistor
X4/R3	RESISTOR	1	1% 1/10W		Resistor
X4/C2	CAPACITOR	1uF	10WVDC X7R		Ceramic capacitor
X4/C5	CAPACITOR	1uF	10WVDC X7R		Ceramic capacitor
X4/R2	RESISTOR	4.99	1% 1/10W		Resistor
,2			_ , _ , _ , . , , , , , , , , , , , , ,	1000	

Apr 22, 15 11:4	7	Vide	eo.bom	.txt		Page 6/41
X4/C4 CAPAC		10WVDC	x7R	0805	Ceramic	capacitor
X4/R1 RESIS		1% 1/10		0603	Resiston	
X4/U6 REFER			S08	2.5V Re		-
X4/R59 RESIS		1% 1/10		0603	Resisto	<u></u>
X4/X4/C29	CAPACITOR	0.1uF	16WVDC		0603	Ceramic capacito
r	CALACTION	o.iur	TOWVDC	22 / 10	0003	ceramic capacito
X4/X4/C30 or	POLARIZED_CAPAC	ITOR	47uF	15WVDC	2711	Tantalum capacit
X4/X4/C3	CAPACITOR	4.7uF	10WVDC	X7R	1812	Ceramic capacito
r   X4/X4/R39	RESISTOR	15.0k	1% 1/10	λM	0603	Resistor
X4/X4/R40	RESISTOR	3.01k	1% 1/10		0603	Resistor
X4/X4/C28	CAPACITOR	4.7uF	10WVDC		1812	Ceramic capacito
r	CALACTION	1. / ar	TOWVDC	22 / 10	1012	ceramic capacito
X4/X4/C25 r	CAPACITOR	0.1uF	16WVDC	X7R	0603	Ceramic capacito
X4/X4/R33	RESISTOR	330	1% 1/10	ΝC	0603	Resistor
X4/X4/R33 X4/X4/R20	RESISTOR	1	1/4W	1206	Resistor	
X4/X4/C23	CAPACITOR	0.1uF	16WVDC		0603	Ceramic capacito
r						
X4/X4/R26	RESISTOR	1.05k	1% 1/10	WC	0603	Resistor
X4/X4/R27	RESISTOR	4.42k	1% 1/10		0603	Resistor
X4/X4/C24	CAPACITOR	7.5nF	16WVDC		0603	Ceramic capacito
r						
X4/X4/R28	RESISTOR	3.01k	1% 1/10	DW	0603	Resistor
X4/X4/R6	RESISTOR	1	1% 1/10	WC	0603	Resistor
X4/X4/C10	CAPACITOR	0.1uF	16WVDC		0603	Ceramic capacito
r						1
X4/X4/U10 rational ampl	DUAL_OPAMP	LM6142A	IM	N/A	S08	generic dual ope
X4/X4/C14 r	CAPACITOR	0.1uF	16WVDC	X7R	0603	Ceramic capacito
X4/X4/R18	RESISTOR	5.11	1% 1/10	υ	0603	Resistor
X4/X4/C13	CAPACITOR	0.1uF	16WVDC		0603	Ceramic capacito
X4/X4/R17	RESISTOR	5.11	1% 1/10	ראז (	0603	Resistor
X4/X4/K1/ X4/X4/C11	CAPACITOR	0.1uF	16WVDC		0603	Ceramic capacito
r	CAFACTION	O.Iur	TOWADC	X/IC	0003	Ceramic Capacito
X4/X4/R16	RESISTOR	5.11	1% 1/10	ЭW	0603	Resistor
X4/X4/C5	CAPACITOR	0.1uF	16WVDC		0603	Ceramic capacito
r	C111 11C 1 1 O1C	J U.	T 0 44 4 D C	21/11	3003	coramic capacito
X4/X4/R5	RESISTOR	5.11	1% 1/10	WC	0603	Resistor
X4/X4/C9	CAPACITOR	0.1uF	16WVDC		0603	Ceramic capacito
r			23	-		
X4/X4/R21	RESISTOR	330	1% 1/10	DW	0603	Resistor
X4/X4/C8	CAPACITOR	0.1uF	16WVDC		0603	Ceramic capacito
r						<u>-</u>
X4/X4/R22	RESISTOR	330	1% 1/10	ОW	0603	Resistor
X4/X4/C7	CAPACITOR	0.1uF	16WVDC		0603	Ceramic capacito
x4/x4/R23	RESISTOR	330	1% 1/10	ΟW	0603	Resistor
X4/X4/R42	RESISTOR	4.32k	1% 1/10		0603	Resistor
X4/X4/R1	RESISTOR	4.32k	1% 1/10		0603	Resistor
X4/X4/Q2	MMBFJ309	unknown			n-channe	
X4/X4/C22	CAPACITOR	0.1uF	16WVDC		0603	Ceramic capacito
r		J W1				
x4/x4/R13	RESISTOR	46.4	1% 1/10	ЭW	0603	Resistor
X4/X4/R41	RESISTOR	301k	18	0603	Resistor	
X4/X4/U6	ADA4805-1AKSZ			n SC70-6	Fast opa	
00/00			, WI			da a a da A a all 00 0045

Apr 22, 15 11:47		Vide	eo.bom.txt		Page 7/41
X4/X4/U8	ADA4805-1AKSZ	unknown	unknown SC70-6	Fast opamp	
X4/X4/U5	ADA4805-1AKSZ	unknown	unknown SC70-6	Fast opamp	
X4/X4/U4	ADA4805-1AKSZ	unknown	unknown SC70-6	Fast opamp	
X4/X4/R24	RESISTOR	20	1% 1/10W	0603 Resisto	or
X4/X4/C16	CAPACITOR	1uF	10WVDC X7R		c capacito
r					
X4/X4/C4a r	CAPACITOR	30pF	5% NPO Vitreous	0505 Ceramic	c capacito
x4/x4/C2	CAPACITOR	0.1uF	16WVDC X7R	0603 Ceramic	c capacito
r   X4/X4/R11	RESISTOR	2.00k	1% 0603	Resistor	
X4/X4/K11 X4/X4/U12	MAX4594DCKR		unknown SC70	SPST analog swi	t + ah
X4/X4/012 X4/X4/C17	CAPACITOR	0.1uF	16WVDC X7R		c capacito
	CAPACITOR	U.IUF	IOWVDC A/R	0003 Ceramit	: Capacito
r   X4/X4/R38	RESISTOR	3.00k	1% 0603	Resistor	
				SPST analog swi	t + ab
X4/X4/U11	MAX4594DCKR		unknown SC70		
X4/X4/C6  r	CAPACITOR	0.1uF	16WVDC X7R	0603 Ceramic	c capacito
X4/X4/U3	MAX4594DCKR	unknown	unknown SC70	SPST analog swi	itch
X4/X4/R25	RESISTOR	1.00Meg	1% 0603	Resistor	
X4/X4/R19	RESISTOR	62	1% 1/10W	0805 Resisto	or
X4/X4/R15	RESISTOR	3.00k	1% 0603	Resistor	
X4/X4/C12	CAPACITOR	0.1uF	16WVDC X7R		c capacito
r					
X4/X4/R4	RESISTOR	3.00k	1% 0603	Resistor	
X4/X4/C20	CAPACITOR	1nF	50WVDC COG		c capacito
r	0111101101		3011120 000	ooo ceramin	o capacito
X4/X4/C21 r	CAPACITOR	1nF	50WVDC COG	0603 Ceramic	c capacito
X4/X4/R14	RESISTOR	46.4	1% 1/10W	0603 Resisto	λΥ.
X4/X4/K14 X4/X4/U9	AD7984BRMZ		unknown MSOP10	ADC	)I
	RESISTOR	DNP	1% 1/10W	0603 Resisto	270
X4/X4/R7					
X4/X4/C18	CAPACITOR	DNP	25WVDC X7R	0603 Ceramic	c capacito
r X4/X4/C19	CAPACITOR	2pF	25WVDC X7R	0603 Ceramic	c capacito
r					
X4/X4/R10	RESISTOR	3.00k	1% 0603	Resistor	
X4/X4/R12	RESISTOR	3.00k	1% 0603	Resistor	
X4/X4/U7	MAX4594DCKR		unknown SC70	SPST analog swi	
X4/X4/C4	CAPACITOR	100pF	5% NPO Vitreous	0505 Ceramio	c capacito
r	D=G=G===	0 007	10 0777		
X4/X4/R2	RESISTOR	2.00k	1% 0603	Resistor	
X4/X4/R9	RESISTOR	3.00k	1% 0603	Resistor	
X4/X4/R8	RESISTOR	0	1% 0603	Resistor	
X4/X4/C1	CAPACITOR	220pF	50WVDC 0805	Ceramic capacit	
X4/X3/C29	CAPACITOR	0.1uF	16WVDC X7R	0603 Ceramic	c capacito
r X4/X3/C30	POLARIZED_CAPAC	тт∩р	47uF 15WVDC	2711 Tantalı	ım capacit
0r	LOUAKITED_CAPAC	TIOK	TOWADC	∠/⊥⊥ Idiildil	um capacit
X4/X3/C3	CAPACITOR	4.7uF	10WVDC X7R	1812 Ceramic	c capacito
r					
X4/X3/R39	RESISTOR	15.0k	1% 1/10W	0603 Resisto	or
X4/X3/R40	RESISTOR	3.01k	1% 1/10W	0603 Resisto	or
X4/X3/C28	CAPACITOR	4.7uF	10WVDC X7R		c capacito
r					
X4/X3/C25 r	CAPACITOR	0.1uF	16WVDC X7R	0603 Ceramio	c capacito
X4/X3/R33	RESISTOR	330	1% 1/10W	0603 Resisto	or
X4/X3/R33 X4/X3/R20	RESISTOR	1	1/4W 1206	Resistor	/ <b>_</b>
Mada a ada Aaril 00		<u> </u>	1, 111 1200	1(0010001	

Apr 22, 15 11:47		Vide	eo.bom.txt		Page 8/41
X4/X3/C23	CAPACITOR	0.1uF	16WVDC X7R	0603 Ce	eramic capacito
r   X4/X3/R26	RESISTOR	1.05k	1% 1/10W	0603 Re	esistor
X4/X3/R27	RESISTOR	4.42k	1% 1/10W		esistor
X4/X3/C24	CAPACITOR	7.5nF	16WVDC X7R		ramic capacito
r	CHILICITOR	7 . 3111	1011/20 21/10	0005	capacito
X4/X3/R28	RESISTOR	3.01k	1% 1/10W	0603 Re	esistor
X4/X3/R6	RESISTOR	1	1% 1/10W		esistor
X4/X3/C10	CAPACITOR	0.1uF	16WVDC X7R		ramic capacito
r	0111110111011	0.141	1011/20 11/10		ramio capacito
X4/X3/U10	DUAL_OPAMP	LM6142A	IM N/A	SO8 ge	eneric dual ope
rational amplif					
X4/X3/C14 r	CAPACITOR	0.1uF	16WVDC X7R	0603 Ce	eramic capacito
X4/X3/R18	RESISTOR	5.11	1% 1/10W	0603 Re	esistor
X4/X3/C13	CAPACITOR	0.1uF	16WVDC X7R		ramic capacito
r	CHILICITOR	0.141	100000 21710	0005	cramic capacito
x4/x3/R17	RESISTOR	5.11	1% 1/10W	0603 Re	esistor
X4/X3/C11	CAPACITOR	0.1uF	16WVDC X7R		ramic capacito
r		0.141	1011120 11710		Jamio Capacito
X4/X3/R16	RESISTOR	5.11	1% 1/10W	0603 Re	esistor
X4/X3/C5	CAPACITOR	0.1uF	16WVDC X7R	0603 Ce	ramic capacito
r					
X4/X3/R5	RESISTOR	5.11	1% 1/10W		esistor
X4/X3/C9	CAPACITOR	0.1uF	16WVDC X7R	0603 Ce	eramic capacito
r					
X4/X3/R21	RESISTOR	330	1% 1/10W		esistor
X4/X3/C8	CAPACITOR	0.1uF	16WVDC X7R	0603 Ce	ramic capacito
Y4/Y2/D22	DECTOROD	330	1% 1/10W	0603 Re	a i a t a a
X4/X3/R22	RESISTOR	0.1uF	16		esistor
X4/X3/C7	CAPACITOR	U.luf	TOWVDC X/R	0603 CE	eramic capacito
X4/X3/R23	RESISTOR	330	1% 1/10W	0603 Re	esistor
X4/X3/R42	RESISTOR	4.32k	1% 1/10W		esistor
X4/X3/R12	RESISTOR	4.32k	1% 1/10W		sistor
X4/X3/Q2	MMBFJ309		unknown SOT23	n-channel	
X4/X3/C22	CAPACITOR	0.1uF	16WVDC X7R		ramic capacito
r	01111011011	0 7 = 0.1	2011/20 22/21		2020
X4/X3/R13	RESISTOR	46.4	1% 1/10W	0603 Re	esistor
X4/X3/R41	RESISTOR	301k	1% 0603	Resistor	
X4/X3/U6	ADA4805-1AKSZ	unknown	unknown SC70-6	Fast opamp	)
X4/X3/U8	ADA4805-1AKSZ	unknown	unknown SC70-6	Fast opamp	
X4/X3/U5	ADA4805-1AKSZ		unknown SC70-6	Fast opamp	)
X4/X3/U4	ADA4805-1AKSZ		unknown SC70-6	Fast opamp	)
X4/X3/R24	RESISTOR	20	1% 1/10W	0603 Re	esistor
X4/X3/C16	CAPACITOR	1uF	10WVDC X7R	0805 Ce	ramic capacito
r		–	<b>50</b> 01:	0.5.0.5	
X4/X3/C4a r	CAPACITOR	30pF	5% NPO Vitreous	0505 Ce	eramic capacito
x4/x3/C2	CAPACITOR	0.1uF	16WVDC X7R	0603 Ce	ramic capacito
r					_
X4/X3/R11	RESISTOR	2.00k	1% 0603	Resistor	
X4/X3/U12	MAX4594DCKR		unknown SC70	SPST analo	
X4/X3/C17	CAPACITOR	0.1uF	16WVDC X7R	0603 Ce	eramic capacito
x4/x3/R38	RESISTOR	3.00k	1% 0603	Resistor	
X4/X3/K36 X4/X3/U11	MAX4594DCKR		unknown SC70	SPST analo	na switch
X4/X3/C6	CAPACITOR	0.1uF	16WVDC X7R		eramic capacito
r	C111 11C 1 1 OIK	J U.	TOWADC 77/10		Tamie Capacito
00/00					

Apr 22, 15 11:47		Vide	eo.bom.txt		Page 9/41
X4/X3/U3	MAX4594DCKR	unknown	unknown SC70	SPST and	alog switch
X4/X3/R25	RESISTOR	1.00Meg		Resisto	
X4/X3/R19	RESISTOR	62	1% 1/10W	0805	Resistor
X4/X3/R15	RESISTOR	3.00k	1% 0603	Resisto	r
X4/X3/C12	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r					
X4/X3/R4	RESISTOR	3.00k	1% 0603	Resisto	r
X4/X3/C20	CAPACITOR	1nF	50WVDC COG	0603	Ceramic capacito
r					
X4/X3/C21	CAPACITOR	1nF	50WVDC COG	0603	Ceramic capacito
r					
X4/X3/R14	RESISTOR	46.4	1% 1/10W	0603	Resistor
X4/X3/U9	AD7984BRMZ		unknown MSOP10	ADC	
X4/X3/R7	RESISTOR	DNP	1% 1/10W	0603	Resistor
X4/X3/C18	CAPACITOR	DNP	25WVDC X7R	0603	Ceramic capacito
r					-
X4/X3/C19	CAPACITOR	2pF	25WVDC X7R	0603	Ceramic capacito
r v4/v2/p10	DECICAVO	3.00k	19 0600	Dogi at a	
X4/X3/R10 X4/X3/R12	RESISTOR RESISTOR	3.00k 3.00k	1% 0603 1% 0603	Resiston Resiston	
			unknown SC70		
X4/X3/U7	MAX4594DCKR				alog switch
X4/X3/C4  r	CAPACITOR	100pF	5% NPO Vitreous	0505	Ceramic capacito
X4/X3/R2	RESISTOR	2.00k	1% 0603	Resistor	r
X4/X3/R9	RESISTOR	3.00k	1% 0603	Resisto	r
X4/X3/R8	RESISTOR	0	1% 0603	Resistor	r
X4/X3/C1	CAPACITOR	220pF	50WVDC 0805		capacitor
X4/X2/C29	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
x4/X2/C30 or	POLARIZED_CAPAC	ITOR	47uF 15WVDC	2711	Tantalum capacit
X4/X2/C3	CAPACITOR	4.7uF	10WVDC X7R	1812	Ceramic capacito
r   X4/X2/R39	RESISTOR	15.0k	1% 1/10W	0603	Resistor
X4/X2/R40	RESISTOR	3.01k	1% 1/10W	0603	Resistor
X4/X2/C28	CAPACITOR	4.7uF	10WVDC X7R	1812	Ceramic capacito
r	CALACITOR				_
X4/X2/C25	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
X4/X2/R33	RESISTOR	330	1% 1/10W	0603	Resistor
X4/X2/R20	RESISTOR	1	1/4W 1206	Resisto	
X4/X2/C23	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r					1 333 20
X4/X2/R26	RESISTOR	1.05k	1% 1/10W	0603	Resistor
X4/X2/R27	RESISTOR	4.42k	1% 1/10W	0603	Resistor
X4/X2/C24	CAPACITOR	7.5nF	16WVDC X7R	0603	Ceramic capacito
r					_
X4/X2/R28	RESISTOR	3.01k	1% 1/10W	0603	Resistor
X4/X2/R6	RESISTOR	1	1% 1/10W	0603	Resistor
X4/X2/C10	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r					-
X4/X2/U10	DUAL_OPAMP	LM6142A	IM N/A	S08	generic dual ope
rational amplif			•		
X4/X2/C14	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r v4/v2/p10	DECTOMOD	E 11	1 0, 1 / 1 O t. t	0603	Dogiator
X4/X2/R18	RESISTOR	5.11	1% 1/10W	0603	Resistor
X4/X2/C13 r	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
X4/X2/R17	RESISTOR	5.11	1% 1/10W	0603	Resistor

Apr 22, 15 11:47		Vide	o.bom.txt		Page 10/41
X4/X2/C11	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r   X4/X2/R16	RESISTOR	5.11	1% 1/10W	0603	Resistor
X4/X2/C5	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r x4/x2/p5	DEGTGEOD	г 11	10 1/1077	0.602	Danis at an
X4/X2/R5 X4/X2/C9	RESISTOR CAPACITOR	5.11 0.1uF	1% 1/10W 16WVDC X7R	0603 0603	Resistor Ceramic capacito
r		0 <b>.</b> 1 a 1	100000 21710	0003	ceramic capacito
X4/X2/R21	RESISTOR	330	1% 1/10W	0603	Resistor
X4/X2/C8	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
X4/X2/R22	RESISTOR	330	1% 1/10W	0603	Resistor
X4/X2/C7	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r   X4/X2/R23	RESISTOR	330	1% 1/10W	0603	Resistor
X4/X2/R42	RESISTOR	4.32k	1% 1/10W	0603	Resistor
X4/X2/R1	RESISTOR	4.32k	1% 1/10W	0603	Resistor
X4/X2/Q2 X4/X2/C22	MMBFJ309 CAPACITOR	unknown 0.1uF	unknown SOT23 16WVDC X7R	n-channe	el jiet Ceramic capacito
r	C111 11C 1 1 O1C				_
X4/X2/R13	RESISTOR	46.4	1% 1/10W	0603	Resistor
X4/X2/R41 X4/X2/U6	RESISTOR ADA4805-1AKSZ	301k	1% 0603 unknown SC70-6	Resistor Fast opa	
X4/X2/U8	ADA4805-1AKSZ		unknown SC70-6	Fast opa	
X4/X2/U5	ADA4805-1AKSZ		unknown SC70-6	Fast opa	
X4/X2/U4 X4/X2/R24	ADA4805-1AKSZ RESISTOR	unknown 20	unknown SC70-6 1% 1/10W	Fast opa	amp Resistor
X4/X2/C16	CAPACITOR	1uF	10WVDC X7R	0805	Ceramic capacito
r X4/X2/C4a	CAPACITOR	30pF	5% NPO Vitreous	0505	Ceramic capacito
r		_			_
X4/X2/C2 r	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
X4/X2/R11	RESISTOR	2.00k	1% 0603	Resisto	
X4/X2/U12 X4/X2/C17	MAX4594DCKR CAPACITOR	unknown 0.1uF	unknown SC70 16WVDC X7R	SPST and	alog switch Ceramic capacito
r	CAFACITOR	0.1ur	IOWVDC X/K	0003	ceramic capacito
X4/X2/R38	RESISTOR	3.00k	1% 0603	Resisto	
X4/X2/U11 X4/X2/C6	MAX4594DCKR CAPACITOR	unknown 0.1uF	unknown SC70 16WVDC X7R	SPST and	alog switch Ceramic capacito
r	CHILICITOR	0.1dl	IOWVDC 27710	0005	ceramic capacito
X4/X2/U3	MAX4594DCKR		unknown SC70		alog switch
X4/X2/R25 X4/X2/R19	RESISTOR RESISTOR	1.00Meg 62	1% 0603 1% 1/10W	Resistor 0805	r Resistor
X4/X2/R15	RESISTOR	3.00k	1% 0603	Resisto	
X4/X2/C12	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r   X4/X2/R4	RESISTOR	3.00k	1% 0603	Resisto	r
X4/X2/C20	CAPACITOR	1nF	50WVDC COG	0603	Ceramic capacito
r X4/X2/C21	CAPACITOR	1nF	50WVDC COG	0603	Ceramic capacito
r   X4/X2/R14	RESISTOR	46.4	1% 1/10W	0603	Resistor
X4/X2/K14 X4/X2/U9	AD7984BRMZ		unknown MSOP10	ADC	ICDIDCOT
X4/X2/R7	RESISTOR	DNP	1% 1/10W	0603	Resistor
X4/X2/C18   r	CAPACITOR	DNP	25WVDC X7R	0603	Ceramic capacito
X4/X2/C19	CAPACITOR	2pF	25WVDC X7R	0603	Ceramic capacito
r					

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Apr 22, 15 11:47			o.bom.			Page 11/41
X4/X2/R10	RESISTOR	3.00k	1%	0603	Resisto	
X4/X2/R12	RESISTOR	3.00k	1%	0603	Resisto	
X4/X2/U7	MAX4594DCKR	unknown	unknown	n SC70	SPST and	alog switch
X4/X2/C4	CAPACITOR	100pF	5% NP0	Vitreous	0505	Ceramic capacito
r		_				_
X4/X2/R2	RESISTOR	2.00k	1%	0603	Resisto	r
X4/X2/R9	RESISTOR	3.00k	1%	0603	Resisto	
X4/X2/R8	RESISTOR	0	1%	0603	Resisto	
X4/X2/C1	CAPACITOR	220pF	50WVDC			capacitor
X4/X1/C29	CAPACITOR	0.1uF	16WVDC		0603	Ceramic capacito
r	011111011011	0.141	1011120	11,10	0005	ceramic capacite
X4/X1/C30	POLARIZED_CAPAC	TTOR	47uF	15WVDC	2711	Tantalum capacit
or		11010	1741	ISWVDC	2711	rancaram capacit
X4/X1/C3	CAPACITOR	4.7uF	10WVDC	v7p	1812	Ceramic capacito
r	CAFACIION	4.7ur	TOWVDC	27.10	1012	ceramic capacito
	DECICEOD	15.0k	1% 1/10	) T <sub>4</sub> T	0603	Resistor
X4/X1/R39	RESISTOR	3.01k	1% 1/10		0603	Resistor
X4/X1/R40	RESISTOR					
X4/X1/C28	CAPACITOR	4.7uF	10WVDC	A/K	1812	Ceramic capacito
Y / / Y 1 / C 2 E	CA DA CITOD	O 1	160000	V7D	0603	Comomia accept
X4/X1/C25	CAPACITOR	0.1uF	16WVDC	X/R	0603	Ceramic capacito
Y4/X1/D22	DHATAMAD	220	10. 1/1/	) r. r	0.603	
X4/X1/R33	RESISTOR	330	1% 1/10		0603	Resistor
X4/X1/R20	RESISTOR	1	1/4W	1206	Resisto	
X4/X1/C23	CAPACITOR	0.1uF	16WVDC	X'/R	0603	Ceramic capacito
r						
X4/X1/R26	RESISTOR	1.05k	1% 1/10		0603	Resistor
X4/X1/R27	RESISTOR	4.42k	1% 1/10		0603	Resistor
X4/X1/C24	CAPACITOR	7.5nF	16WVDC	X7R	0603	Ceramic capacito
r						
X4/X1/R28	RESISTOR	3.01k	1% 1/10		0603	Resistor
X4/X1/R6	RESISTOR	1	1% 1/10		0603	Resistor
X4/X1/C10	CAPACITOR	0.1uF	16WVDC	X7R	0603	Ceramic capacito
r						
X4/X1/U10	DUAL_OPAMP	LM6142A	IM	N/A	S08	generic dual ope
rational amplif						
X4/X1/C14	CAPACITOR	0.1uF	16WVDC	X7R	0603	Ceramic capacito
r						
X4/X1/R18	RESISTOR	5.11	1% 1/10		0603	Resistor
X4/X1/C13	CAPACITOR	0.1uF	16WVDC	X7R	0603	Ceramic capacito
r						
X4/X1/R17	RESISTOR	5.11	1% 1/10		0603	Resistor
X4/X1/C11	CAPACITOR	0.1uF	16WVDC	X7R	0603	Ceramic capacito
r						
X4/X1/R16	RESISTOR	5.11	1% 1/10		0603	Resistor
X4/X1/C5	CAPACITOR	0.1uF	16WVDC	X7R	0603	Ceramic capacito
r						
X4/X1/R5	RESISTOR	5.11	1% 1/10	WC	0603	Resistor
X4/X1/C9	CAPACITOR	0.1uF	16WVDC		0603	Ceramic capacito
r						_
X4/X1/R21	RESISTOR	330	1% 1/10	WC	0603	Resistor
X4/X1/C8	CAPACITOR	0.1uF	16WVDC		0603	Ceramic capacito
r						_
X4/X1/R22	RESISTOR	330	1% 1/10	WC	0603	Resistor
X4/X1/C7	CAPACITOR	0.1uF	16WVDC		0603	Ceramic capacito
r	-				_	
X4/X1/R23	RESISTOR	330	1% 1/10	WC	0603	Resistor
X4/X1/R42	RESISTOR	4.32k	1% 1/10		0603	Resistor
X4/X1/R1	RESISTOR	4.32k	1% 1/10		0603	Resistor
X4/X1/Q2	MMBFJ309			n SOT23	n-channe	
/ / ×2		2111110 MII	~111 C W1			

Apr 22, 15 11:47		Vide	o.bom.txt	Page 12/41
X4/X1/C22	CAPACITOR	0.1uF	16WVDC X7R	0603 Ceramic capacito
r X4/X1/R13 X4/X1/R41 X4/X1/U6	RESISTOR RESISTOR ADA4805-1AKSZ		1% 1/10W 1% 0603 unknown SC70-6	0603 Resistor Resistor Fast opamp
X4/X1/U8 X4/X1/U5 X4/X1/U4 X4/X1/R24	ADA4805-1AKSZ ADA4805-1AKSZ ADA4805-1AKSZ RESISTOR	unknown	unknown SC70-6 unknown SC70-6 unknown SC70-6 1% 1/10W	Fast opamp Fast opamp Fast opamp 0603 Resistor
X4/X1/C16 r	CAPACITOR	1uF	10WVDC X7R	0805 Ceramic capacito
X4/X1/C4a r	CAPACITOR	30pF	5% NPO Vitreous	0505 Ceramic capacito
X4/X1/C2	CAPACITOR	0.1uF	16WVDC X7R	0603 Ceramic capacito
X4/X1/R11 X4/X1/U12 X4/X1/C17	RESISTOR MAX4594DCKR CAPACITOR	2.00k unknown 0.1uF	1% 0603 unknown SC70 16WVDC X7R	Resistor SPST analog switch 0603 Ceramic capacito
r X4/X1/R38 X4/X1/U11 X4/X1/C6	RESISTOR MAX4594DCKR CAPACITOR	3.00k unknown 0.1uF	1% 0603 unknown SC70 16WVDC X7R	Resistor SPST analog switch 0603 Ceramic capacito
r X4/X1/U3 X4/X1/R25 X4/X1/R19	MAX4594DCKR RESISTOR RESISTOR	1.00Meg 62	1% 1/10W	SPST analog switch Resistor 0805 Resistor
X4/X1/R15 X4/X1/C12 r	RESISTOR CAPACITOR	3.00k 0.1uF	1% 0603 16WVDC X7R	Resistor 0603 Ceramic capacito
X4/X1/R4 X4/X1/C20 r	RESISTOR CAPACITOR	3.00k 1nF	1% 0603 50WVDC COG	Resistor 0603 Ceramic capacito
X4/X1/C21	CAPACITOR	1nF	50WVDC COG	0603 Ceramic capacito
X4/X1/R14 X4/X1/U9 X4/X1/R7	RESISTOR AD7984BRMZ RESISTOR	46.4 unknown DNP	1% 1/10W unknown MSOP10 1% 1/10W	0603 Resistor ADC 0603 Resistor
X4/X1/C18 r	CAPACITOR	DNP	25WVDC X7R	0603 Ceramic capacito
x4/x1/C19 r	CAPACITOR	2pF	25WVDC X7R	0603 Ceramic capacito
X4/X1/R10 X4/X1/R12 X4/X1/U7 X4/X1/C4	RESISTOR RESISTOR MAX4594DCKR CAPACITOR	3.00k 3.00k unknown 100pF	1% 0603 1% 0603 unknown SC70 5% NPO Vitreous	Resistor Resistor SPST analog switch 0505 Ceramic capacito
X4/X1/R2 X4/X1/R9 X4/X1/R8 X4/X1/C1 J3 Flexprin	RESISTOR RESISTOR RESISTOR CAPACITOR nt unknown	2.00k 3.00k 0 220pF unknown	1% 0603 1% 0603 1% 0603 50WVDC 0805 NK-2M2-051	Resistor Resistor Resistor Ceramic capacitor Airborne 51 pin connecto
r X3/R53 RESISTON X3/R52 RESISTON X3/C39 CAPACITO X3/R51 RESISTON X3/C38 CAPACITO X3/C37 CAPACITO X3/U10 MAX308CS	R 3.74k DR 0.1uF R 49.9 DR 0.1uF DR 22nF	1% 1/100 1% 1/100 16WVDC 2 1% 1/100 16WVDC 2 50WVDC 2 unknown	M 0603 K7R 0603 M 0603 K7R 0603 K7R 0603	Resistor Resistor Ceramic capacitor Resistor Ceramic capacitor Ceramic capacitor analog mux

Apr 22, 15 1	1:47		Vide	o.bom.	txt		Page 13/41
X3/C36 CAI	PACITOR	22nF	50WVDC X	 7r	0603	Ceramic	capacitor
	5328 unknown						1.1
	SISTOR	3.74k	1% 1/10W		0603	Resistor	2
· ·	SISTOR	3.74k	1% 1/10W		0603	Resistor	2
	PACITOR	0.1uF	16WVDC X		0603		capacitor
	SISTOR	49.9	1% 1/10W		0603	Resistor	
	PACITOR	0.1uF	16WVDC X		0603		capacitor
	PACITOR	22nF	50WVDC X		0603		capacitor
· ·	X308CSE+		unknown			analog n	
· ·	PACITOR	22nF	50WVDC X		0603		capacitor
'	5328 unknown						<u>-</u>
	PACITOR	0.1uF	25WVDC X		0603	Ceramic	capacitor
	C-3BB102H		unknown		EMI chip		-
	PACITOR	22nF	50WVDC X		0603		capacitor
	C-3BB102H		unknown		EMI chir		-
· ·	PACITOR	22nF	50WVDC X		0603	•	capacitor
	C-3BB102H	unknown	unknown	0603	EMI chir		-
	C-3BB102H		unknown		EMI chir		
	PACITOR	22nF	50WVDC X		0603		capacitor
X3/X6/R14	RESISTO		301k	1%	0603	Resistor	
X3/X6/R15	RESISTOR		301k	1%	0603	Resistor	2
X3/X6/U1	DUAL_OPA		LT2078AI		N/A	S08	unknown
X3/X6/R13	RESISTO		1.00Meg	1%	0603	Resistor	2
X3/X6/R8	RESISTOR		100k	1%	0603	Resistor	2
X3/X6/R9	RESISTOR		300k	1%	0603	Resistor	2
X3/X6/R10	RESISTOR	3	100k	1%	0603	Resistor	2
X3/X6/R11	RESISTOR	3	301k	1%	0603	Resistor	2
X3/X6/C4	CAPACITO	OR	330pF	50WVDC	X7R	0603	Ceramic capacito
r							
X3/X6/R12	RESISTO		470	1% 1/10		0603	Resistor
X3/X6/C5	CAPACITO	OR	47nF	50WVDC	X7R	0805	Ceramic capacito
r							
X3/X6/C3	CAPACITO	OR	22nF	50WVDC	X7R	0603	Ceramic capacito
r x2/x6/D6	DECTORO	<b>.</b>	49.9	10, 1/1/	<b>0</b> 1.7	0603	Dogiator
X3/X6/R6	RESISTO			1% 1/10		0603	Resistor
X3/X6/R7	RESISTOR		1.00Meg		0603	Resistor	
X3/X6/R1	RESISTO		100k	1%	0603	Resistor	
X3/X6/R2	RESISTOR		300k	1%	0603	Resistor	
X3/X6/R3	RESISTOR		100k	1%	0603 0603	Resistor	
X3/X6/R4	RESISTO		301k	1% 50WVDC		Resistor 0603	
X3/X6/C1 r	CAPACITO	JR	330pF	SUWVDC	X/K	0603	Ceramic capacito
X3/X6/R5	RESISTO	<b>&gt;</b>	470	1% 1/10	∩ w	0603	Resistor
X3/X6/K3 X3/X6/C2	CAPACIT		47nF	50WVDC		0805	Ceramic capacito
r	CALACII	J11	T / 111.	JUNIVDC	22 / 10	3003	ccramic capacito
X3/X5/R14	RESISTO	₹	301k	1%	0603	Resistor	^
X3/X5/R14 X3/X5/R15	RESISTOR		301k	1%	0603	Resistor	
X3/X5/K15 X3/X5/U1	DUAL_OPA		LT2078AI		N/A	SO8	unknown
X3/X5/01 X3/X5/R13	RESISTO		1.00Meg		0603	Resistor	
X3/X5/R13 X3/X5/R8	RESISTOR		1.00Meg	1%	0603	Resistor	
X3/X5/R9	RESISTOR		300k	1%	0603	Resistor	
X3/X5/RJ X3/X5/R10	RESISTOR		100k	1%	0603	Resistor	
X3/X5/R10 X3/X5/R11	RESISTOR		301k	1%	0603	Resistor	
X3/X5/K11 X3/X5/C4	CAPACIT		330pF	50WVDC		0603	Ceramic capacito
r	0.111011		>- 2E-		- · - •		
X3/X5/R12	RESISTO	З.	470	1% 1/10	OW	0603	Resistor
X3/X5/C5	CAPACITO		47nF	50WVDC		0805	Ceramic capacito
r				3			<u>-</u>
X3/X5/C3	CAPACITO	OR	22nF	50WVDC	X7R	0603	Ceramic capacito
							20/00

Apr 22,	15 11:47		Vide	o.bom.	txt		Page 14/41
r		_	4.00	10 1 :		0.500	
X3/X5/R			49.9	1% 1/10		0603	Resistor
X3/X5/R			1.00Meg		0603	Resistor	
X3/X5/R			100k	1%	0603	Resisto	
X3/X5/R			300k	1%		Resisto	
X3/X5/R			100k	1%	0603	Resistor	
X3/X5/R			301k		0603	Resisto	
X3/X5/C	1 CAPACIT	OR	330pF	50WVDC	X/R	0603	Ceramic capacito
X3/X5/R	5 RESISTO	R	470	1% 1/10	)W	0603	Resistor
X3/X5/C			47nF	50WVDC		0805	Ceramic capacito
r							
X3/R57	RESISTOR	301k	1%	0603	Resisto	r	
X3/R54	RESISTOR	0	1%	0603	Resisto	r	
X3/R47	RESISTOR	3.01Meg	1%	0603	Resisto	r	
X3/R46	RESISTOR	37.4k	1%	0603	Resisto	r	
X3/C27	CAPACITOR	22nF	100WVDC	X7R	0805	Ceramic	capacitor
	RESISTOR	40.2k	1%	0603	Resisto		
X3/C26	CAPACITOR	33nF	25WVDC		0603	Ceramic	capacitor
X3/R44	RESISTOR	604k	1%	0603	Resisto	r	
X3/R43	RESISTOR	10k	1%	0603	Resisto		
X3/C25	CAPACITOR	22nF	100WVDC	X7R	0805	Ceramic	capacitor
X3/R42	RESISTOR	10k	1%	0603	Resisto	r	
X3/Q2	PNP_TRANSISTOR	PMBTA92	unknown	UB	unknown		
X3/R41	RESISTOR	200k	1%	0603	Resisto	r	
X3/R40	RESISTOR	10k	1%	0603	Resisto		
X3/Q1	PNP_TRANSISTOR	PMBTA92	unknown	UB	unknown		
X3/C24	CAPACITOR	0.1uF	25WVDC	X7R	0603	Ceramic	capacitor
X3/R39	RESISTOR	133k	1%	0603	Resisto	r	
X3/U4	DUAL_OPAMP	LM6142A	IM	N/A	S08	generic	dual operational
	ier, SO8						
X3/R38	RESISTOR	604k	1%	0603	Resisto		
	RESISTOR	392k	1%	0603	Resisto		
	RESISTOR	200k	1%	0603	Resisto		
	CAPACITOR	3.3nF	50WVDC		0603		capacitor
X3/R35	RESISTOR	470	1% 1/10		0603	Resistor	
	CAPACITOR		25WVDC :				capacitor
X3/U3	DUAL_OPAMP	LT2078A		N/A	S08	unknown	
X3/C21	CAPACITOR	0.22uF	25WVDC		1206		capacitor
X3/C20	CAPACITOR	0.1uF	25WVDC		0603		capacitor
X3/R34	RESISTOR	44.2k	1%	0603	Resisto		
X3/R33	RESISTOR	604k	1%	0603	Resisto		
X3/R32	RESISTOR	56.2k	1%	0603	Resisto		
X3/R31	RESISTOR	200k	1%	0603	Resisto		
X3/C19	CAPACITOR	3.3nF	50WVDC		0603		capacitor
X3/R30	RESISTOR	470	1% 1/10		0603	Resisto	
X3/R29	RESISTOR	44.2k	1%	0603	Resisto		
X3/R28	RESISTOR	604k	1%	0603	Resisto		
X3/R27	RESISTOR	56.2k	1%	0603	Resisto		
X3/R26	RESISTOR	200k	1%	0603	Resisto		ganagitar
X3/C18	CAPACITOR	3.3nF	50WVDC		0603		capacitor
X3/R25	RESISTOR	470	1% 1/101		0603	Resistor	
X3/C17	CAPACITOR	0.22uF LT2078A	25WVDC :		1206	unknown	capacitor
X3/U2	DUAL_OPAMP		158 25WVDC :	N/A v7d	SO8		ganagi tor
X3/C15	CAPACITOR	0.1uF			0603		capacitor
X3/C16	CAPACITOR		50WVDC :		0603		capacitor
X3/R24	RESISTOR	54.9k	1% 1%	0603	Resisto		
X3/R23	RESISTOR	82.5k	1% 1%	0603	Resisto		
X3/R22	RESISTOR	604k	1%	0603	Resisto	L	

r X3/X4/C30 POLARIZED_CAPACITOR 47uF 15WVDC 2711 Tantalum capacit or X3/X4/C3 CAPACITOR 4.7uF 10WVDC X7R 1812 Ceramic capacito r X3/X4/R39 RESISTOR 15.0k 1% 1/10W 0603 Resistor X3/X4/R40 RESISTOR 3.01k 1% 1/10W 0603 Resistor X3/X4/C28 CAPACITOR 4.7uF 10WVDC X7R 1812 Ceramic capacito r X3/X4/C25 CAPACITOR 0.1uF 16WVDC X7R 0603 Ceramic capacito r X3/X4/R33 RESISTOR 330 1% 1/10W 0603 Resistor X3/X4/R20 RESISTOR 1 1/4W 1206 Resistor X3/X4/R20 CAPACITOR 0.1uF 16WVDC X7R 0603 Ceramic capacito r X3/X4/C23 CAPACITOR 0.1uF 16WVDC X7R 0603 Ceramic capacito r X3/X4/C23 CAPACITOR 0.1uF 16WVDC X7R 0603 Ceramic capacito	Apr 22,	15 11:47			Vide	o.bom.	txt		Page 15/41
X3/C1Q CAPACITOR 3.3hF 50WDC X7R 0603 Ceramic capacitor X3/R19 RESISTOR 470 1% 1/10W 0603 Resistor X3/R18 RESISTOR 0.22µF 25WDC X7R 1206 Ceramic capacitor X3/R18 RESISTOR 54.9% 1% 0603 Resistor X3/R18 RESISTOR 60.4% 1% 0603 Resistor X3/R18 RESISTOR 60.4% 1% 0603 Resistor X3/R16 RESISTOR 953% 1% 0603 Resistor X3/R16 RESISTOR 953% 1% 0603 Resistor X3/R17 RESISTOR 200% 1% 0603 Resistor X3/R18 RESISTOR 470 1% 1/10W 0603 Resistor X3/R19 RESISTOR 470 1% 1/10W 0603 Resistor X3/R19 RESISTOR 0.21µF 25WDC X7R 0603 Ceramic capacitor X3/R11 DUL_0PAMP LM6142ALM N/A SO8 generic dual operational amplifier, S08 X3/R11 RESISTOR 24.9% 1% 1/10W 0603 Resistor X3/R12 RESISTOR 24.9% 1% 1/10W 0603 Resistor X3/R12 RESISTOR 24.9% 1% 1/10W 0603 Resistor X3/R10 RESISTOR 0.1µF 25WDC X7R 0603 Ceramic capacitor X3/R11 RESISTOR 0.1µF 25WDC X7R 0603 Ceramic capacitor X3/R11 RESISTOR 0.1µF 25WDC X7R 0603 Ceramic capacitor X3/R12 RESISTOR 0.1µF 25WDC X7R 0603 Ceramic capacitor X3/R14 RESISTOR 0.1µF 25WDC X7R 0603 Ceramic capacitor X3/R17 RESISTOR 0.1µF 25WDC X7R 0603 Ceramic capacitor X3/R18 RESISTOR 0.1µF 25WDC X7R 0603 Ceramic capacitor X3/R10 RESISTOR 0.1µF 25WDC X7R 0603 Ceramic capacitor X3/R11 RESISTOR 0.1µF 25WDC X7R 0603 Ceramic capacitor X3/R12 RESISTOR 0.1µF 25WDC X7R 0603 Ceramic capacitor X3/R13 RESISTOR 0.00 N N N N N N N N N N N N N N N N N	X3/R21	RESISTO	 R	953k	1%	0603	Resisto	 r	<u> </u>
X3/R19									
X3/R19 RESISTOR									capacitor
X3/R18 RESISTOR 54.9k 18 0603 Resistor X3/R18 RESISTOR 82.5k 18 0603 Resistor X3/R15 RESISTOR 604k 18 0603 Resistor X3/R15 RESISTOR 953k 18 0603 Resistor X3/R15 RESISTOR 953k 18 0603 Resistor X3/R16 RESISTOR 200k 18 0603 Resistor X3/R17 RESISTOR 200k 18 0603 Resistor X3/R17 RESISTOR 200k 18 0603 Resistor X3/R12 RESISTOR 470 18 1/10w 0603 Resistor X3/R10 CAPACITOR 0.22wF 25WDC X7R 0603 Ceramic capacitor X3/R11 CAPACITOR 0.1wF 25WDC X7R 0603 Ceramic capacitor X3/U11 DUAL_OPAMP LW6142AIM N/A S08 generic dual operational amplifier, S08 X3/R12 RESISTOR 24.9k 18 1/10w 0603 Resistor X3/C10 CAPACITOR 0.1uF 25WDC X7R 0603 Ceramic capacitor X3/R11 RESISTOR 82.5k 18 0603 Resistor X3/R11 RESISTOR 82.5k 18 0603 Resistor X3/R12 RESISTOR 82.5k 18 0603 Resistor X3/R14 RESISTOR 82.5k 18 0603 Resistor X3/R17 RESISTOR 953k 18 0603 Resistor X3/R17 RESISTOR 953k 18 0603 Resistor X3/R17 RESISTOR 953k 18 0603 Resistor X3/R17 RESISTOR 10 1 1 1/10w 0603 Resistor X3/R17 RESISTOR 953k 18 0603 Resistor X3/R17 RESISTOR 1 1 1/10w 0603 Resistor X3/R17 RESISTOR 0.22wF 25WDC X7R 0603 Ceramic capacitor X3/R17 RESISTOR 0.22wF 25WDC X7R 0603 Ceramic capacitor X3/R2 RESISTOR 0.22wF 25WDC X7R 0603 Ceramic capacitor X3/R3 RESISTOR 0.24wF 25WDC X7R 0603 Ceramic capacitor X3/R3 RESISTOR 0.24wF 25WDC X7R 0603 Ceramic capacitor X3/R3 RESISTOR 0.24wF 25WDC X7R 0603 Ceramic capacitor X3/R3 RESISTOR 0.25WF 25WDC X7R 0603 Ceramic capacitor X3/R3 RESISTOR 0.25WF 25WDC X7R 0603 Resistor X3/R3 RESISTOR 0.25WF 25WDC X7R 0603 Ceramic capacitor X3/R3 RESISTOR 0.25WF 25WDC X7R 0603 Ceramic capacitor X3/R3 RESISTOR 0.25WF 25WDC X7R 0603 Resistor X3/R3 RESISTOR 0.25WF 25WDC X7R 0603 Resistor X3/R3 RESISTOR 0.25WF 25WDC X7R 0603 Resistor	1								
X3/R18									
X3/R17									111
X3/R16 RESISTOR									
X3/R15   RESISTOR   953k									
X3/R14 RESISTOR									
X3/R12   CAPACITOR	1						Resisto	r	
X3/R13	X3/C12				50WVDC				capacitor
X3/C11   CAPACITOR				470	1% 1/10	M	0603		
X3/C40   CAPACITOR				0.22uF				Ceramic	capacitor
X3/U1   DUAL_OPAMP   LM6142AIM   N/A   SO8   generic dual operational amplifier, SO8   SO8   X3/U1   DUAL_OPAMP   LT2078AIS8   N/A   SO8   Unknown   X3/R12   RESISTOR   24.9 k   1% 1/10W   0603   Resistor   X3/C10   CAPACITOR   0.1 uF   25WVDC   X7R   0603   Ceramic capacitor   X3/C9   CAPACITOR   0.1 uF   25WVDC   X7R   0603   Ceramic capacitor   CAPACITOR   0.1 uF   25WVDC   X7R   0603   Resistor   CAPACITOR   0.2 uF   0.0 k   1%   0.0 k   0.0									
amplifier, SO8	X3/U11	DUAL_OP.	AMP	LM6142A	IM	N/A	S08		
X3/\text{X3/R12}	amplif								_
X3/R12   RESISTOR			AMP	LT2078A	IS8	N/A	S08	unknown	
X3/C10							0603		
X3/C9   CAPACITOR   O.luF   25WVDC X7R   0603   Ceramic capacitor   X3/R11   RESISTOR   54.9k   1%   0603   Resistor   X3/R10   RESISTOR   82.5k   1%   0603   Resistor   X3/R10   RESISTOR   82.5k   1%   0603   Resistor   X3/R8   RESISTOR   953k   1%   0603   Resistor   X3/R8   RESISTOR   953k   1%   0603   Resistor   X3/R8   RESISTOR   953k   1%   0603   Resistor   X3/R7   RESISTOR   200k   1%   0603   Resistor   X3/R7   RESISTOR   470   1%   1/10W   0603   Resistor   X3/R5   RESISTOR   4.75k   1%   1/10W   0603   Resistor   X3/R5   RESISTOR   4.75k   1%   1/10W   0603   Resistor   X3/R5   RESISTOR   4.75k   1%   1/10W   0603   Resistor   X3/R3   RESISTOR   4.7k   1%   1/10W   0603   Resistor   X3/R3   RESISTOR   14.7k   1%   1/10W   0603   Resistor   X3/R3   RESISTOR   14.7k   1%   1/10W   0603   Resistor   X3/R3   RESISTOR   14.7k   1%   1/10W   0603   Resistor   X3/R5   RESISTOR   1.70				0.1uF	25WVDC	X7R	0603	Ceramic	capacitor
X3/C8									
X3/R10   RESISTOR   54.9k   1%   0603   Resistor   X3/R9   RESISTOR   82.5k   1%   0603   Resistor   X3/R9   RESISTOR   604k   1%   0603   Resistor   X3/R8   RESISTOR   953k   1%   0603   Resistor   X3/R7   RESISTOR   200k   1%   0603   Resistor   X3/R7   CAPACITOR   3.3nf   50WVDC   X7R   0603   Ceramic capacitor   X3/R6   RESISTOR   470   1%   1/10W   0603   Resistor   X3/R6   CAPACITOR   0.2uf   25WVDC   X7R   1206   Ceramic capacitor   X3/U5   DUAL_OPAMP   LM6142AIM   N/A   S08   generic dual operational amplifier   S08   X3/R5   RESISTOR   4.75k   1%   1/10W   0603   Resistor   X3/R3   RESISTOR   620pf   10WVDC   X7R   0805   Ceramic capacitor   X3/R3   RESISTOR   1.4.7k   1%   1/10W   0603   Resistor   X3/R3   RESISTOR   1.4.7k   1%   1/10W   0603   Resistor   X3/R3   RESISTOR   1.7   1.7   1/10W   0603   Resistor   X3/R3   RESISTOR   1.7   1.7   1/10W   0603   Resistor   X3/R3   RESISTOR   1.7   1.7   1/10W   0603   Resistor   X3/R2   RESISTOR   1.7   1.7   1/10W   0603   Resistor   X3/R2   RESISTOR   1.7   1.7   1/10W   0603   Resistor   X3/R1   RESISTOR   4.99   1% 1/10W   0603   Resistor   X3/R1   RESISTOR   4.99   1% 1/10W   0603   Resistor   X3/R1   RESISTOR   4.99   1% 1/10W   0603   Resistor   X3/R3   RESISTOR   4.99   1% 1/10W   0603   Resistor   X3/R3   RESISTOR   4.99   1% 1/10W   0603   Resistor   X3/X4/C29   CAPACITOR   0.1uf   16WVDC   X7R   0603   Ceramic capacitor   REF43GS   N/A   S08   2.5V   Reference   X3/X4/C3   POLARIZED_CAPACITOR   4.7uf   10WVDC   X7R   1812   Ceramic capacitor   X3/X4/R39   RESISTOR   3.01k   1% 1/10W   0603   Resistor   X3/X4/R33   RESISTOR   3.01k   1% 1/10W   0603   Resistor   X3/X4/R33   RESISTOR   3.01k   1% 1/10W   0603   Resistor   X3/X4/R33   RESISTOR   3.01k									
X3/R9	X3/R11	RESISTO:	R	54.9k	1%	0603	Resisto	r	_
X3/R8	X3/R10	RESISTO:	R	82.5k	1%	0603	Resisto	r	
X3/R7	X3/R9	RESISTO:	R	604k	1%	0603	Resisto	r	
X3/C7	X3/R8	RESISTO:	R	953k	1%	0603	Resisto	r	
X3/R6	X3/R7	RESISTO:	R	200k	1%	0603	Resisto	r	
X3/C6	X3/C7	CAPACIT	OR	3.3nF	50WVDC	X7R	0603	Ceramic	capacitor
X3/U5	X3/R6	RESISTO:	R	470	1% 1/10	M	0603	Resisto	r
amplifier, S08   X3/R5   RESISTOR	X3/C6	CAPACIT	OR	0.22uF	25WVDC	X7R	1206	Ceramic	capacitor
X3/R5	X3/U5	DUAL_OP.	AMP	LM6142A	MI	N/A	S08	generic	dual operational
X3/C3	amplif	ier, SO8							
X3/R4	X3/R5	RESISTO:	R	4.75k	1% 1/10	M	0603	Resisto	r
X3/R3	X3/C3	CAPACIT	OR	620pF	10WVDC	X7R	0805	Ceramic	capacitor
X3/C2	X3/R4	RESISTO:	R	14.7k	1% 1/10	M	0603	Resisto	r
X3/C5	X3/R3	RESISTO:	R	1	1% 1/10	M	0603	Resisto	r
X3/R2	X3/C2	CAPACIT	OR	1uF	10WVDC	X7R	0805	Ceramic	capacitor
X3/C4	X3/C5	CAPACIT	OR	1uF	10WVDC	X7R	0805	Ceramic	capacitor
X3/R1	X3/R2	RESISTO:	R	4.99	1% 1/10	M	0603	Resisto	r
X3/U6	X3/C4	CAPACIT	OR	1uF	10WVDC	X7R	0805	Ceramic	capacitor
X3/R59 RESISTOR	X3/R1	RESISTO:	R	49.9	1% 1/10	M	0603	Resisto	r
X3/X4/C29									
r X3/X4/C30 POLARIZED_CAPACITOR 47uF 15WVDC 2711 Tantalum capacit or X3/X4/C3 CAPACITOR 4.7uF 10WVDC X7R 1812 Ceramic capacito r X3/X4/R39 RESISTOR 15.0k 1% 1/10W 0603 Resistor X3/X4/R40 RESISTOR 3.01k 1% 1/10W 0603 Resistor X3/X4/C28 CAPACITOR 4.7uF 10WVDC X7R 1812 Ceramic capacito r X3/X4/C25 CAPACITOR 0.1uF 16WVDC X7R 0603 Ceramic capacito r X3/X4/R33 RESISTOR 330 1% 1/10W 0603 Resistor X3/X4/R20 RESISTOR 1 1/4W 1206 Resistor X3/X4/R20 CAPACITOR 0.1uF 16WVDC X7R 0603 Ceramic capacito r X3/X4/C23 CAPACITOR 0.1uF 16WVDC X7R 0603 Ceramic capacito r X3/X4/C23 CAPACITOR 0.1uF 16WVDC X7R 0603 Ceramic capacito r			R	49.9		M	0603	Resisto	
X3/X4/C30	X3/X4/C	29	CAPACIT	OR	0.1uF	16WVDC	X7R	0603	Ceramic capacito
or     X3/X4/C3									_
X3/X4/C3		30	POLARIZ	ED_CAPAC	ITOR	47uF	15WVDC	2711	Tantalum capacit
T   X3/X4/R39   RESISTOR   15.0k   1% 1/10W   0603   Resistor   X3/X4/R40   RESISTOR   3.01k   1% 1/10W   0603   Resistor   X3/X4/C28   CAPACITOR   4.7uF   10WVDC   X7R   1812   Ceramic   Capacito									
X3/X4/R39 RESISTOR 15.0k 1% 1/10W 0603 Resistor X3/X4/R40 RESISTOR 3.01k 1% 1/10W 0603 Resistor X3/X4/C28 CAPACITOR 4.7uF 10WVDC X7R 1812 Ceramic capacito  x3/X4/C25 CAPACITOR 0.1uF 16WVDC X7R 0603 Ceramic capacito  x3/X4/R33 RESISTOR 330 1% 1/10W 0603 Resistor X3/X4/R20 RESISTOR 1 1/4W 1206 Resistor X3/X4/C23 CAPACITOR 0.1uF 16WVDC X7R 0603 Ceramic capacito  capacito capacito capacito capacito capacito capacito capacito	X3/X4/C	3	CAPACIT	OR	4.7uF	10WVDC	X7R	1812	Ceramic capacito
X3/X4/R40   RESISTOR   3.01k   1% 1/10W   0603   Resistor	-								
X3/X4/C28									
r X3/X4/C25									
X3/X4/C25 CAPACITOR 0.1uF 16WVDC X7R 0603 Ceramic capacito r X3/X4/R33 RESISTOR 330 1% 1/10W 0603 Resistor X3/X4/R20 RESISTOR 1 1/4W 1206 Resistor X3/X4/C23 CAPACITOR 0.1uF 16WVDC X7R 0603 Ceramic capacito r	X3/X4/C	28	CAPACIT	OR	4.7uF	10WVDC	X7R	1812	Ceramic capacito
r X3/X4/R33 RESISTOR 330 1% 1/10W 0603 Resistor X3/X4/R20 RESISTOR 1 1/4W 1206 Resistor X3/X4/C23 CAPACITOR 0.1uF 16WVDC X7R 0603 Ceramic capacito									
X3/X4/R33       RESISTOR       330       1% 1/10W       0603       Resistor         X3/X4/R20       RESISTOR       1       1/4W       1206       Resistor         X3/X4/C23       CAPACITOR       0.1uF       16WVDC       X7R       0603       Ceramic capacito         r		25	CAPACIT	OR	0.1uF	16WVDC	X7R	0603	Ceramic capacito
X3/X4/R20 RESISTOR 1 1/4W 1206 Resistor X3/X4/C23 CAPACITOR 0.1uF 16WVDC X7R 0603 Ceramic capacitor									
X3/X4/C23 CAPACITOR 0.1uF 16WVDC X7R 0603 Ceramic capacitor									
r					_				
		23	CAPACIT	OR	0.1uF	16WVDC	X7R	0603	Ceramic capacito
X3/X4/R26				_					
	X3/X4/R	26	RESISTO	З.	1.05k	1% 1/10	υM	0603	Resistor

Apr 22, 15 11:47		Page 16/41			
X3/X4/R27	RESISTOR	4.42k	1% 1/10W	0603	Resistor
X3/X4/C24	CAPACITOR	7.5nF	16WVDC X7R	0603	Ceramic capacito
r	011111011011	, • 5111	1011/10	0005	ceramic capacito
x3/x4/R28	RESISTOR	3.01k	1% 1/10W	0603	Resistor
X3/X4/R6	RESISTOR	1	1% 1/10W	0603	Resistor
X3/X4/C10	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r					
x3/x4/U10	DUAL_OPAMP	LM6142A	IM N/A	S08	generic dual ope
rational amplif			·		5
X3/X4/C14	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r					-
X3/X4/R18	RESISTOR	5.11	1% 1/10W	0603	Resistor
X3/X4/C13	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r					-
X3/X4/R17	RESISTOR	5.11	1% 1/10W	0603	Resistor
X3/X4/C11	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r					_
X3/X4/R16	RESISTOR	5.11	1% 1/10W	0603	Resistor
X3/X4/C5	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r					
X3/X4/R5	RESISTOR	5.11	1% 1/10W	0603	Resistor
X3/X4/C9	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r					
X3/X4/R21	RESISTOR	330	1% 1/10W	0603	Resistor
X3/X4/C8	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r					
X3/X4/R22	RESISTOR	330	1% 1/10W	0603	Resistor
X3/X4/C7	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r					_
X3/X4/R23	RESISTOR	330	1% 1/10W	0603	Resistor
X3/X4/R42	RESISTOR	4.32k	1% 1/10W	0603	Resistor
X3/X4/R1	RESISTOR	4.32k	1% 1/10W	0603	Resistor
X3/X4/Q2	MMBFJ309		unknown SOT23	n-chann	
X3/X4/C22	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r x2 (x4 /D12	DEGT GEOD	1.6 1	10 1/1017	0.603	Don't at an
X3/X4/R13	RESISTOR	46.4	1% 1/10W	0603	Resistor
X3/X4/R41	RESISTOR	301k	1% 0603	Resisto	
X3/X4/U6	ADA4805-1AKSZ		unknown SC70-6 unknown SC70-6	Fast op	
X3/X4/U8 X3/X4/U5	ADA4805-1AKSZ			Fast op	
	ADA4805-1AKSZ ADA4805-1AKSZ		unknown SC70-6 unknown SC70-6	Fast op	
X3/X4/U4 X3/X4/R24	RESISTOR	20	1% 1/10W	Fast op	Resistor
X3/X4/R24 X3/X4/C16	CAPACITOR	20 1uF	1% 1/10W 10WVDC X7R	0805	Ceramic capacito
x3/x4/C10 r	CALACTION	IUP	TOMADO VIV	0000	Ceramic Capacito
X3/X4/C4a	CAPACITOR	30pF	5% NPO Vitreous	0505	Ceramic capacito
r	0111 1101 1010	COPI	SU IVI O VICICOUS	5555	coramic capacito
x3/x4/c2	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r	0.11.110.1.1011	J. 1 a.	TONVDC 21/10	3003	coramic capacito
x3/x4/R11	RESISTOR	2.00k	1% 0603	Resisto	r
X3/X4/U12	MAX4594DCKR		unknown SC70		alog switch
X3/X4/C17	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r		<del></del>			
x3/x4/R38	RESISTOR	3.00k	1% 0603	Resisto	r
X3/X4/U11	MAX4594DCKR		unknown SC70		alog switch
X3/X4/C6	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r	-			-	
x3/x4/U3	MAX4594DCKR	unknown	unknown SC70	SPST an	alog switch
X3/X4/R25	RESISTOR	1.00Meg		Resisto	
X3/X4/R19	RESISTOR	62	1% 1/10W	0805	Resistor
00/00			•	107	

Apr 22, 15 11:47		Vide	eo.bom.txt		Page 17/41
X3/X4/R15	RESISTOR	3.00k	1% 0603	Resisto	r
x3/x4/C12 r	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
X3/X4/R4	RESISTOR	3.00k	1% 0603	Resisto	r
X3/X4/C20	CAPACITOR	1nF	50WVDC COG	0603	Ceramic capacito
r	CALACITOR	TIII	JOWVDC COG	0003	ceramic capacito
X3/X4/C21 r	CAPACITOR	1nF	50WVDC COG	0603	Ceramic capacito
X3/X4/R14	RESISTOR	46.4	1% 1/10W	0603	Resistor
X3/X4/K14 X3/X4/U9	AD7984BRMZ		unknown MSOP10	ADC	Resiscoi
X3/X4/09 X3/X4/R7		DNP	1% 1/10W	0603	Resistor
	RESISTOR				
X3/X4/C18	CAPACITOR	DNP	25WVDC X7R	0603	Ceramic capacito
r x2/x4/G10		O III	0 F 1 T T D C	0.602	
X3/X4/C19	CAPACITOR	2pF	25WVDC X7R	0603	Ceramic capacito
r	DEGEGEOR	2 001	10 0603	<b>.</b>	
X3/X4/R10	RESISTOR	3.00k	1% 0603	Resisto	
X3/X4/R12	RESISTOR	3.00k	1% 0603	Resisto	
X3/X4/U7	MAX4594DCKR		unknown SC70		alog switch
X3/X4/C4	CAPACITOR	100pF	5% NPO Vitreous	0505	Ceramic capacito
r x2/x4/D2	DEGLOSO	0 001	1.0 0.000	D - ' '	
X3/X4/R2	RESISTOR	2.00k	1% 0603	Resisto	
X3/X4/R9	RESISTOR	3.00k	1% 0603	Resisto	
X3/X4/R8	RESISTOR	0	1% 0603	Resisto	
X3/X4/C1	CAPACITOR	220pF	50WVDC 0805	Ceramic	capacitor
X3/X3/C29	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r					
X3/X3/C30	POLARIZED_CAPAC	ITOR	47uF 15WVDC	2711	Tantalum capacit
or					
X3/X3/C3	CAPACITOR	4.7uF	10WVDC X7R	1812	Ceramic capacito
r					
X3/X3/R39	RESISTOR	15.0k	1% 1/10W	0603	Resistor
X3/X3/R40	RESISTOR	3.01k	1% 1/10W	0603	Resistor
X3/X3/C28	CAPACITOR	4.7uF	10WVDC X7R	1812	Ceramic capacito
r					_
X3/X3/C25	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r					-
X3/X3/R33	RESISTOR	330	1% 1/10W	0603	Resistor
X3/X3/R20	RESISTOR	1	1/4W 1206	Resisto	
X3/X3/C23	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r					
X3/X3/R26	RESISTOR	1.05k	1% 1/10W	0603	Resistor
X3/X3/R27	RESISTOR	4.42k	1% 1/10W	0603	Resistor
X3/X3/C24	CAPACITOR	7.5nF	16WVDC X7R	0603	Ceramic capacito
r			· · · · = • · · · · · · · · · · · · · ·		
X3/X3/R28	RESISTOR	3.01k	1% 1/10W	0603	Resistor
X3/X3/R6	RESISTOR	1	1% 1/10W	0603	Resistor
X3/X3/C10	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r	J.11 1.0 1 1 0.10	J. 1 41	_0,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0005	coració capació
x3/x3/U10	DUAL OPAMP	LM6142A	IM N/A	SO8	generic dual ope
rational amplif	<del></del>	21.V 1 12A	TV / 11	200	Jonetha addi ope
X3/X3/C14	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r	J.11 1.0 1 1 O.1	J. 1 41	_0,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0000	coració capació
X3/X3/R18	RESISTOR	5.11	1% 1/10W	0603	Resistor
X3/X3/K10 X3/X3/C13	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r	C111 11C1 1 OIL	O.Iur	TOWADO WIL	0005	ccramic capacito
X3/X3/R17	RESISTOR	5.11	1% 1/10W	0603	Resistor
X3/X3/K1/ X3/X3/C11	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r	CALUCTION	U.IUF	TOMADC VIV	0003	Ceramic Capacito
X3/X3/R16	RESISTOR	5.11	1% 1/10W	0603	Resistor
Mada adda Aaril 00		J.11	±0 ±/±∪W	0005	NESISCOI

Apr 22, 15 11:47		Vide	o.bom.txt	Page 18/41
X3/X3/C5	CAPACITOR	0.1uF	16WVDC X7R	0603 Ceramic capacito
r X3/X3/R5	RESISTOR	5.11	1% 1/10W	0603 Resistor
X3/X3/K5 X3/X3/C9	CAPACITOR	0.1uF	16	0603 Resistor 0603 Ceramic capacito
r		0.141	1011120 11711	coos ceramie capacite
X3/X3/R21	RESISTOR	330	1% 1/10W	0603 Resistor
X3/X3/C8 r	CAPACITOR	0.1uF	16WVDC X7R	0603 Ceramic capacito
X3/X3/R22	RESISTOR	330	1% 1/10W	0603 Resistor
X3/X3/C7	CAPACITOR	0.1uF	16WVDC X7R	0603 Ceramic capacito
r   X3/X3/R23		330	1% 1/10W	0603 Resistor
X3/X3/R42	RESISTOR RESISTOR	4.32k	1% 1/10W 1% 1/10W	0603 Resistor
X3/X3/R1	RESISTOR	4.32k	1% 1/10W	0603 Resistor
X3/X3/Q2	MMBFJ309		unknown SOT23	n-channel jfet
X3/X3/C22	CAPACITOR	0.1uF	16WVDC X7R	0603 Ceramic capacito
r X3/X3/R13	RESISTOR	46.4	1% 1/10W	0603 Resistor
X3/X3/R41	RESISTOR	301k	1% 0603	Resistor
X3/X3/U6	ADA4805-1AKSZ		unknown SC70-6	Fast opamp
X3/X3/U8	ADA4805-1AKSZ		unknown SC70-6	Fast opamp
X3/X3/U5	ADA4805-1AKSZ		unknown SC70-6	Fast opamp
X3/X3/U4	ADA4805-1AKSZ		unknown SC70-6	Fast opamp
X3/X3/R24	RESISTOR	20 1uF	1% 1/10W 10WVDC X7R	0603 Resistor 0805 Ceramic capacito
X3/X3/C16 r	CAPACITOR	lur	TOWADC X/K	0805 Ceramic capacito
X3/X3/C4a r	CAPACITOR	30pF	5% NPO Vitreous	0505 Ceramic capacito
X3/X3/C2 r	CAPACITOR	0.1uF	16WVDC X7R	0603 Ceramic capacito
X3/X3/R11	RESISTOR	2.00k	1% 0603	Resistor
X3/X3/U12	MAX4594DCKR		unknown SC70	SPST analog switch
X3/X3/C17 r	CAPACITOR	0.1uF	16WVDC X7R	0603 Ceramic capacito
X3/X3/R38	RESISTOR	3.00k	1% 0603	Resistor
X3/X3/U11	MAX4594DCKR		unknown SC70	SPST analog switch
X3/X3/C6   r	CAPACITOR	0.1uF	16WVDC X7R	0603 Ceramic capacito
X3/X3/U3	MAX4594DCKR		unknown SC70	SPST analog switch
X3/X3/R25	RESISTOR	1.00Meg		Resistor
X3/X3/R19	RESISTOR	62 3.00k	1% 1/10W 1% 0603	0805 Resistor Resistor
X3/X3/R15 X3/X3/C12	RESISTOR CAPACITOR	0.1uF	16WVDC X7R	0603 Ceramic capacito
r	CHITICHION		TOWVDC ATR	-
X3/X3/R4	RESISTOR	3.00k	1% 0603	Resistor
X3/X3/C20 r	CAPACITOR	1nF	50WVDC COG	0603 Ceramic capacito
X3/X3/C21 r	CAPACITOR	lnF	50WVDC COG	0603 Ceramic capacito
x3/x3/R14	RESISTOR	46.4	1% 1/10W	0603 Resistor
X3/X3/U9	AD7984BRMZ		unknown MSOP10	ADC
X3/X3/R7	RESISTOR	DNP	1% 1/10W	0603 Resistor
X3/X3/C18 r	CAPACITOR	DNP	25WVDC X7R	0603 Ceramic capacito
X3/X3/C19 r	CAPACITOR	2pF	25WVDC X7R	0603 Ceramic capacito
X3/X3/R10	RESISTOR	3.00k	1% 0603	Resistor
X3/X3/R12	RESISTOR	3.00k	1% 0603	Resistor
X3/X3/U7	MAX4594DCKR		unknown SC70	SPST analog switch
00/00				\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\

Apr 22, 15 11:47		Vide	o.bom.	txt		Page 19/41
X3/X3/C4	CAPACITOR	100pF	5% NP0	Vitreous	0505	Ceramic capacito
r				,		
X3/X3/R2	RESISTOR	2.00k	1%	0603	Resistor	r
X3/X3/R9	RESISTOR	3.00k	1%	0603	Resistor	r
X3/X3/R8	RESISTOR	0	1%	0603	Resistor	
X3/X3/C1	CAPACITOR	220pF	50WVDC			capacitor
X3/X2/C29	CAPACITOR	0.1uF	16WVDC		0603	Ceramic capacito
r						-
X3/X2/C30	POLARIZED_CAPAC	ITOR	47uF	15WVDC	2711	Tantalum capacit
or	G1-1-G1-0-1	4 5 5	1 0	***	1010	
X3/X2/C3 r	CAPACITOR	4.7uF	10WVDC	X/R	1812	Ceramic capacito
X3/X2/R39	RESISTOR	15.0k	1% 1/10	WC	0603	Resistor
X3/X2/R40	RESISTOR	3.01k	1% 1/10	WC	0603	Resistor
X3/X2/C28	CAPACITOR	4.7uF	10WVDC	X7R	1812	Ceramic capacito
r X3/X2/C25 r	CAPACITOR	0.1uF	16WVDC	X7R	0603	Ceramic capacito
X3/X2/R33	RESISTOR	330	1% 1/10	WC	0603	Resistor
X3/X2/R20	RESISTOR	1	1/4W	1206	Resistor	
X3/X2/C23	CAPACITOR	0.1uF	16WVDC	X7R	0603	Ceramic capacito
X3/X2/R26	RESISTOR	1.05k	1% 1/10	WC	0603	Resistor
X3/X2/R27	RESISTOR	4.42k	1% 1/10	WC	0603	Resistor
X3/X2/C24	CAPACITOR	7.5nF	16WVDC		0603	Ceramic capacito
r						-
X3/X2/R28	RESISTOR	3.01k	1% 1/10	ΟW	0603	Resistor
X3/X2/R6	RESISTOR	1	1% 1/10		0603	Resistor
X3/X2/C10	CAPACITOR	0.1uF	16WVDC		0603	Ceramic capacito
r	CALACITOR	o.iar	TOWVDC	22 / 10	0003	ceramic capacito
X3/X2/U10	DUAL_OPAMP	LM6142A	IM	N/A	S08	generic dual ope
rational amplif						
X3/X2/C14	CAPACITOR	0.1uF	16WVDC	X7R	0603	Ceramic capacito
r		F 11	10 1/1/	0.7.7	0.602	<b>-</b>
X3/X2/R18	RESISTOR	5.11	1% 1/10		0603	Resistor
X3/X2/C13	CAPACITOR	0.1uF	16WVDC	X'/R	0603	Ceramic capacito
r   X3/X2/R17	DECICEOD	5.11	1% 1/10	∩ r <sub>a</sub> ,	0603	Resistor
	RESISTOR					
X3/X2/C11 r	CAPACITOR	0.1uF	16WVDC	X/R	0603	Ceramic capacito
X3/X2/R16	RESISTOR	5.11	1% 1/10	ЭW	0603	Resistor
X3/X2/C5	CAPACITOR	0.1uF	16WVDC		0603	Ceramic capacito
r	C111 11CT 1 OIL	o. rar	TOMADC	22 / 10	5005	cciamic capacito
x3/x2/R5	RESISTOR	5.11	1% 1/10	∩ <b>T</b> aT	0603	Resistor
X3/X2/C9	CAPACITOR	0.1uF	16WVDC		0603	Ceramic capacito
r	C111 11CT 1 OIL	o. rar	TOMADC	22 / 10	5005	ceramic capacito
X3/X2/R21	RESISTOR	330	1% 1/10	ΩW	0603	Resistor
X3/X2/C8	CAPACITOR	0.1uF	16WVDC		0603	Ceramic capacito
r x3/x2/c0	C111 11CT 1 OIL	o. rar	TOMADC	22 / 10	5005	ceramic capacito
X3/X2/R22	RESISTOR	330	1% 1/10	ΩW	0603	Resistor
X3/X2/C7	CAPACITOR	0.1uF	16WVDC		0603	Ceramic capacito
r	C231 21C1 1 C1C	0 • ± αr	T 0 11 1 D C	22 / 10	5005	coramic capacito
X3/X2/R23	RESISTOR	330	1% 1/10	ΩW	0603	Resistor
X3/X2/R42	RESISTOR	4.32k	1% 1/10		0603	Resistor
X3/X2/R42 X3/X2/R1	RESISTOR	4.32k	1% 1/10		0603	Resistor
X3/X2/R1 X3/X2/Q2	MMBFJ309	unknown			n-channe	
X3/X2/C22 r	CAPACITOR	0.1uF	16WVDC	A/K	0603	Ceramic capacito
X3/X2/R13	RESISTOR	46.4	1% 1/10	OW	0603	Resistor
Mada and Andi OO			± 0 ± / ± ·			00/00

Apr 22, 15 11:47		Vide	o.bom.txt	Page 20/41
X3/X2/R41	RESISTOR	301k	1% 0603	Resistor
X3/X2/U6	ADA4805-1AKSZ		unknown SC70-6	Fast opamp
X3/X2/U8	ADA4805-IAKSZ		unknown SC70-6	Fast opamp
X3/X2/U5	ADA4805-IAKSZ		unknown SC70-6	
				Fast opamp
X3/X2/U4	ADA4805-1AKSZ		unknown SC70-6	Fast opamp
X3/X2/R24	RESISTOR	20	1% 1/10W	0603 Resistor
X3/X2/C16 r	CAPACITOR	1uF	10WVDC X7R	0805 Ceramic capacito
X3/X2/C4a r	CAPACITOR	30pF	5% NPO Vitreous	0505 Ceramic capacito
X3/X2/C2 r	CAPACITOR	0.1uF	16WVDC X7R	0603 Ceramic capacito
X3/X2/R11	RESISTOR	2.00k	1% 0603	Resistor
X3/X2/U12	MAX4594DCKR		unknown SC70	SPST analog switch
X3/X2/C17 r	CAPACITOR	0.1uF	16WVDC X7R	0603 Ceramic capacito
X3/X2/R38	RESISTOR	3.00k	1% 0603	Resistor
X3/X2/U11	MAX4594DCKR		unknown SC70	SPST analog switch
X3/X2/C6 r	CAPACITOR	0.1uF	16WVDC X7R	0603 Ceramic capacito
X3/X2/U3	MAX4594DCKR		unknown SC70	SPST analog switch
X3/X2/R25	RESISTOR	1.00Meg		Resistor
X3/X2/R19	RESISTOR	62	1% 1/10W	0805 Resistor
X3/X2/R15	RESISTOR	3.00k	1% 0603	Resistor
X3/X2/C12 r	CAPACITOR	0.1uF	16WVDC X7R	0603 Ceramic capacito
X3/X2/R4	RESISTOR	3.00k	1% 0603	Resistor
X3/X2/C20 r	CAPACITOR	1nF	50WVDC COG	0603 Ceramic capacito
x3/x2/C21 r	CAPACITOR	1nF	50WVDC COG	0603 Ceramic capacito
X3/X2/R14	RESISTOR	46.4	1% 1/10W	0603 Resistor
X3/X2/U9	AD7984BRMZ	unknown	unknown MSOP10	ADC
X3/X2/R7	RESISTOR	DNP	1% 1/10W	0603 Resistor
X3/X2/C18	CAPACITOR	DNP	25WVDC X7R	0603 Ceramic capacito
X3/X2/C19 r	CAPACITOR	2pF	25WVDC X7R	0603 Ceramic capacito
X3/X2/R10	RESISTOR	3.00k	1% 0603	Resistor
X3/X2/R10 X3/X2/R12	RESISTOR	3.00k	1% 0603	Resistor
X3/X2/K12 X3/X2/U7	MAX4594DCKR		unknown SC70	SPST analog switch
X3/X2/C4	CAPACITOR	100pF	5% NPO Vitreous	
x3/x2/C4 r	CAPACITUK	тоорь	of NPU VILLEOUS	0505 Ceramic capacito
X3/X2/R2	RESISTOR	2.00k	1% 0603	Resistor
X3/X2/R9	RESISTOR	3.00k	1% 0603	Resistor
X3/X2/R8	RESISTOR	0	1% 0603	Resistor
X3/X2/C1	CAPACITOR	220pF	50WVDC 0805	Ceramic capacitor
X3/X1/C29	CAPACITOR	0.1uF	16WVDC X7R	0603 Ceramic capacito
r X3/X1/C30 or	POLARIZED_CAPAC	ITOR	47uF 15WVDC	2711 Tantalum capacit
X3/X1/C3 r	CAPACITOR	4.7uF	10WVDC X7R	1812 Ceramic capacito
X3/X1/R39	₽₽₽₹₽₩∩₽	15.0k	1% 1/10W	0603 Resistor
	RESISTOR	3.01k		
X3/X1/R40	RESISTOR		1% 1/10W	
X3/X1/C28 r	CAPACITOR	4.7uF	10WVDC X7R	1812 Ceramic capacito
X3/X1/C25 r	CAPACITOR	0.1uF	16WVDC X7R	0603 Ceramic capacito
40/00				

Apr 22, 15 11:47		Vide	o.bom.txt		Page 21/41
X3/X1/R33	RESISTOR	330	1% 1/10W	0603	Resistor
X3/X1/R20	RESISTOR	1	1/4W 1206	Resisto	r
X3/X1/C23	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
X3/X1/R26	RESISTOR	1.05k	1% 1/10W	0603	Resistor
X3/X1/R27	RESISTOR	4.42k	1% 1/10W	0603	Resistor
X3/X1/C24	CAPACITOR	7.5nF	16WVDC X7R	0603	Ceramic capacito
X3/X1/R28	RESISTOR	3.01k	1% 1/10W	0603	Resistor
X3/X1/R6	RESISTOR	1	1% 1/10W	0603	Resistor
X3/X1/C10 r	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
X3/X1/U10	DUAL_OPAMP	LM6142A	IM N/A	S08	generic dual ope
rational amplif		0 1 0	1611106 1100	0.502	
X3/X1/C14  r	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
X3/X1/R18	RESISTOR	5.11	1% 1/10W	0603	Resistor
X3/X1/C13	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
X3/X1/R17	RESISTOR	5.11	1% 1/10W	0603	Resistor
X3/X1/C11	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
X3/X1/R16	RESISTOR	5.11	1% 1/10W	0603	Resistor
X3/X1/C5	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
X3/X1/R5	RESISTOR	5.11	1% 1/10W	0603	Resistor
X3/X1/C9	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r x2/x1/D21	DHATAMOD	220	10. 1 / 1 0 т.т	0.003	Dog i store
X3/X1/R21	RESISTOR	330	1% 1/10W 16WVDC X7R	0603 0603	Resistor
X3/X1/C8 r	CAPACITOR	0.1uF			Ceramic capacito
X3/X1/R22	RESISTOR	330	1% 1/10W	0603	Resistor
X3/X1/C7 r	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
X3/X1/R23	RESISTOR	330	1% 1/10W	0603	Resistor
X3/X1/R42	RESISTOR	4.32k	1% 1/10W	0603	Resistor
X3/X1/R1	RESISTOR	4.32k	1% 1/10W	0603	Resistor
X3/X1/Q2	MMBFJ309		unknown SOT23	n-chann	
X3/X1/C22 r	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
X3/X1/R13	RESISTOR	46.4	1% 1/10W	0603	Resistor
X3/X1/R41	RESISTOR	301k	1% 0603	Resisto	r
X3/X1/U6	ADA4805-1AKSZ		unknown SC70-6	Fast op	
X3/X1/U8	ADA4805-1AKSZ		unknown SC70-6	Fast op	
X3/X1/U5	ADA4805-1AKSZ		unknown SC70-6	Fast op	
X3/X1/U4	ADA4805-1AKSZ		unknown SC70-6	Fast op	
X3/X1/R24	RESISTOR	20_	1% 1/10W	0603	Resistor
X3/X1/C16  r	CAPACITOR	1uF	10WVDC X7R	0805	Ceramic capacito
X3/X1/C4a r	CAPACITOR	30pF	5% NPO Vitreous	0505	Ceramic capacito
X3/X1/C2 r	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
X3/X1/R11	RESISTOR	2.00k	1% 0603	Resisto	r
X3/X1/U12	MAX4594DCKR		unknown SC70		alog switch
X3/X1/C17	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r   X3/X1/R38	RESISTOR	3.00k	1% 0603	Resisto	r
X3/X1/K36 X3/X1/U11	MAX4594DCKR		unknown SC70		alog switch
Mada a day Arril 00		CITIZITOWII	WITH DC / O	DIDI all	alog Switch

Apr 22, 15 11:47		Video.bo	om.txt	Page 22/41
X3/X1/C6	CAPACITOR	0.1uF 16W	VDC X7R	0603 Ceramic capacito
r X3/X1/U3 X3/X1/R25 X3/X1/R19 X3/X1/R15 X3/X1/C12	MAX4594DCKR RESISTOR RESISTOR RESISTOR CAPACITOR	3.00k 1%	nown SC70 0603 1/10W 0603 VDC X7R	SPST analog switch Resistor 0805 Resistor Resistor 0603 Ceramic capacito
r X3/X1/R4 X3/X1/C20	RESISTOR CAPACITOR	3.00k 1% 1nF 50W	0603 VDC C0G	Resistor 0603 Ceramic capacito
r X3/X1/C21	CAPACITOR	1nF 50W	VDC C0G	0603 Ceramic capacito
r X3/X1/R14 X3/X1/U9 X3/X1/R7 X3/X1/C18	RESISTOR AD7984BRMZ RESISTOR CAPACITOR	unknown unk DNP 1%	1/10W nown MSOP10 1/10W VDC X7R	0603 Resistor ADC 0603 Resistor 0603 Ceramic capacito
r X3/X1/C19	CAPACITOR	2pF 25W	VDC X7R	0603 Ceramic capacito
r X3/X1/R10 X3/X1/R12 X3/X1/U7 X3/X1/C4	RESISTOR RESISTOR MAX4594DCKR CAPACITOR	3.00k 1% 3.00k 1% unknown unk 100pF 5%	0603 0603 nown SC70 NP0 Vitreous	Resistor Resistor SPST analog switch 0505 Ceramic capacito
r X3/X1/R2 X3/X1/R9 X3/X1/R8 X3/X1/C1 J2 Flexprim	RESISTOR RESISTOR RESISTOR CAPACITOR nt unknown	2.00k 1% 3.00k 1% 0 1% 220pF 50W unknown NK-		Resistor Resistor Resistor Ceramic capacitor Airborne 51 pin connecto
X2/R50 RESISTON X2/R49 RESISTON X2/C35 CAPACITON X2/R48 RESISTON X2/C34 CAPACITON X2/C33 CAPACITON X2/U8 MAX308CS X2/C32 CAPACITON	R 3.74k OR 0.1uF R 49.9 OR 0.1uF OR 22nF SE+ unknown OR 22nF unknown unknown R 3.74k R 3.74k OR 0.1uF R 49.9 OR 0.1uF OR 22nF Unknown	1% 1/10W 1% 1/10W 16WVDC X7R 1% 1/10W 16WVDC X7R 50WVDC X7R unknown SO1 50WVDC X7R	0603 al DAC 0603 0603 0603 0603 0603 0603 6 8 input 0603 al DAC 0603 3 EMI chi 0603 3 EMI chi 0603 3 EMI chi	Ceramic capacitor p Ceramic capacitor p

Apr 22, 15 11:47		Vide	o.bom.t	txt		Page 23/41
x2/x6/U1	DUAL_OPAMP	LT2078A		N/A	S08	unknown
X2/X6/R13	RESISTOR	1.00Meg		0603	Resisto	
X2/X6/R8	RESISTOR	100k	1%	0603	Resisto	
X2/X6/R9	RESISTOR	300k	1%	0603	Resisto	
X2/X6/R10	RESISTOR	100k	1%	0603	Resisto	
X2/X6/R11	RESISTOR	301k	1%	0603	Resisto	
X2/X6/C4	CAPACITOR	330pF	50WVDC		0603	Ceramic capacito
r x2/x0/C4	CAPACITOR	330pr	JOWVDC	2770	0003	ceramic capacito
X2/X6/R12	RESISTOR	470	1% 1/10	W	0603	Resistor
X2/X6/C5	CAPACITOR	47nF	50WVDC		0805	Ceramic capacito
r						
X2/X6/C3	CAPACITOR	22nF	50WVDC	X7R	0603	Ceramic capacito
r						_
X2/X6/R6	RESISTOR	49.9	1% 1/10	W	0603	Resistor
X2/X6/R7	RESISTOR	1.00Meg	1%	0603	Resisto	r
X2/X6/R1	RESISTOR	100k	1%	0603	Resisto	r
X2/X6/R2	RESISTOR	300k	1%	0603	Resisto	r
X2/X6/R3	RESISTOR	100k	1%	0603	Resisto	r
X2/X6/R4	RESISTOR	301k	1%	0603	Resisto	r
X2/X6/C1	CAPACITOR	330pF	50WVDC	X7R	0603	Ceramic capacito
r						
X2/X6/R5	RESISTOR	470	1% 1/10		0603	Resistor
X2/X6/C2	CAPACITOR	47nF	50WVDC	X7R	0805	Ceramic capacito
r						
X2/X5/R14	RESISTOR	301k	1%	0603	Resisto	
X2/X5/R15	RESISTOR	301k	1%	0603	Resisto	
X2/X5/U1	DUAL_OPAMP	LT2078A		N/A	S08	unknown
X2/X5/R13	RESISTOR	1.00Meg		0603	Resisto	
X2/X5/R8	RESISTOR	100k	1%	0603	Resisto	
X2/X5/R9	RESISTOR	300k	1%	0603	Resisto	
X2/X5/R10	RESISTOR	100k	1%	0603	Resisto	
X2/X5/R11	RESISTOR	301k	1%	0603	Resisto	
X2/X5/C4	CAPACITOR	330pF	50WVDC	X'/R	0603	Ceramic capacito
r v2/v5/D12	DEGLEMOD	470	10, 1/10	\ T.7	0602	Resistor
X2/X5/R12 X2/X5/C5	RESISTOR CAPACITOR	470 47nF	1% 1/10 50WVDC		0603 0805	Ceramic capacito
r	CAPACITOR	4 / 111	SOWADC	A/K	0805	Ceramic Capacito
x2/x5/c3	CAPACITOR	22nF	50WVDC	x7p	0603	Ceramic capacito
r	C/11/1C11010	22111	SOWVEC	21/10	0005	ceramic capacito
X2/X5/R6	RESISTOR	49.9	1% 1/10	W	0603	Resistor
X2/X5/R7	RESISTOR	1.00Meg		0603	Resisto	
X2/X5/R1	RESISTOR	100k	1%	0603	Resisto	
X2/X5/R2	RESISTOR	300k	1%	0603	Resisto	
X2/X5/R3	RESISTOR	100k	1%	0603	Resisto	
X2/X5/R4	RESISTOR	301k	1%	0603	Resisto	
X2/X5/C1	CAPACITOR	330pF	50WVDC		0603	Ceramic capacito
r		_				_
X2/X5/R5	RESISTOR	470	1% 1/10	W	0603	Resistor
X2/X5/C2	CAPACITOR	47nF	50WVDC	X7R	0805	Ceramic capacito
r	2011	1.0	0.600	_		
X2/R57 RESISTO		1%	0603	Resisto		
X2/R54 RESISTO		1%	0603	Resisto		
X2/R47 RESISTO			0603	Resisto		
X2/R46 RESISTO		1%	0603	Resisto		
X2/C27 CAPACITO		100WVDC		0805		capacitor
X2/R45 RESISTO		1%	0603	Resisto		
X2/C26 CAPACITO		25WVDC		0603		capacitor
X2/R44 RESISTO		1%	0603	Resisto		
X2/R43 RESISTO		1%	0603	Resisto	L	

Apr 22,	15 11:47		Vide	o.bom.	txt		Page 24/41
X2/C25	CAPACITOR	22nF	100WVDC	X7R	0805	Ceramic	capacitor
	RESISTOR	10k	1%	0603	Resisto		-
X2/Q2	PNP_TRANSISTOR		unknown	UB	unknown		
X2/R41	RESISTOR	200k	1%	0603	Resisto	r	
	RESISTOR	10k	1%	0603	Resisto	r	
	PNP_TRANSISTOR	PMBTA92	unknown	UB	unknown		
X2/C24	CAPACITOR	0.1uF	25WVDC	X7R	0603	Ceramic	capacitor
X2/R39	RESISTOR	133k	1%	0603	Resisto	r	_
X2/U4	DUAL_OPAMP	LM6142AI	M	N/A	S08	generic	dual operational
amplif	ier, SO8						
X2/R38	RESISTOR	604k	1%	0603	Resisto	r	
X2/R37	RESISTOR	392k	1%	0603	Resisto	r	
	RESISTOR		1%	0603	Resisto		
	CAPACITOR	3.3nF	50WVDC		0603		capacitor
	RESISTOR		1% 1/10		0603	Resisto:	
	CAPACITOR	0.22uF	25WVDC		1206		capacitor
X2/U3	DUAL_OPAMP	LT2078AI		N/A	S08	unknown	
	CAPACITOR		25WVDC		1206		capacitor
	CAPACITOR		25WVDC		0603		capacitor
	RESISTOR	44.2k	1%	0603	Resisto		
X2/R33	RESISTOR	604k	1%	0603	Resisto		
X2/R32	RESISTOR	56.2k	1%	0603	Resisto		
X2/R31	RESISTOR	200k	1%	0603	Resisto		
	CAPACITOR	3.3nF	50WVDC		0603		capacitor
	RESISTOR		1% 1/10		0603	Resisto	r
	RESISTOR	44.2k	1%	0603	Resisto		
	RESISTOR	604k	1%	0603	Resisto		
X2/R27	RESISTOR		1%	0603	Resisto		
	RESISTOR		1%	0603	Resisto		
	CAPACITOR	3.3nF	50WVDC		0603		capacitor
X2/R25 X2/C17	RESISTOR CAPACITOR	470 0.22uF	1% 1/10 25WVDC		0603 1206	Resisto:	r capacitor
X2/U1/ X2/U2	DUAL_OPAMP	U.22uF LT2078AI		N/A	SO8	unknown	
	CAPACITOR	0.1uF	.50 25WVDC :		0603		capacitor
	CAPACITOR	0.147uF			0603		capacitor
X2/R24	RESISTOR	54.9k	1%	0603	Resisto		capacitoi
X2/R21	RESISTOR		1%		Resisto		
X2/R23	RESISTOR	604k	1%	0603	Resisto		
X2/R21	RESISTOR	953k	1%	0603	Resisto		
X2/R20	RESISTOR	200k	1%	0603	Resisto		
X2/C14	CAPACITOR	3.3nF	50WVDC		0603		capacitor
X2/R19	RESISTOR	470	1% 1/10		0603	Resisto	
X2/C13	CAPACITOR	0.22uF	25WVDC		1206		capacitor
X2/R18	RESISTOR	54.9k	1%	0603	Resisto		-
X2/R17	RESISTOR	82.5k	1%	0603	Resisto		
X2/R16	RESISTOR	604k	1%	0603	Resisto	r	
X2/R15	RESISTOR	953k	1%	0603	Resisto	r	
X2/R14	RESISTOR	200k	1%	0603	Resisto	r	
X2/C12	CAPACITOR	3.3nF	50WVDC	X7R	0603	Ceramic	capacitor
X2/R13	RESISTOR	470	1% 1/10		0603	Resisto:	r
X2/C11	CAPACITOR	0.22uF	25WVDC		1206		capacitor
X2/C40	CAPACITOR	0.1uF	25WVDC	X7R	0603		capacitor
X2/U11	DUAL_OPAMP	LM6142AI	M	N/A	S08	generic	dual operational
	ier, SO8						
X2/U1	DUAL_OPAMP	LT2078AI		N/A	S08	unknown	
X2/R12	RESISTOR	24.9k	1% 1/10		0603	Resisto:	
X2/C10	CAPACITOR	0.1uF	25WVDC		0603		capacitor
X2/C9	CAPACITOR	0.1uF	25WVDC		0603		capacitor
X2/C8	CAPACITOR	0.1uF	25WVDC	X7R	0603	Ceramic	capacitor

Apr 22,	15 11:47			Vide	o.bom.	txt		Page 25/41
X2/R11	RESISTO	 R	54.9k	 1%	0603	Resisto	r	
X2/R11	RESISTO		82.5k	1%	0603	Resisto		
X2/R9	RESISTO		604k	1%	0603	Resisto		
X2/R8	RESISTO		953k	1%	0603	Resisto		
X2/R7	RESISTO		200k	1%	0603	Resisto		
X2/C7	CAPACIT		3.3nF	50WVDC		0603		capacitor
X2/R6	RESISTO		470	1% 1/10		0603	Resisto:	
X2/C6	CAPACIT		0.22uF	25WVDC		1206		capacitor
X2/U5	DUAL_OP		LM6142A		N/A	SO8		dual operational
	ier, SO8	. M-1L	LI-10 1 12111	L1·1	14/21	БОО	generie	daar operacionar
X2/R5	RESISTO	R	4.75k	1% 1/10	M	0603	Resisto:	r
X2/C3	CAPACIT		620pF	10WVDC		0805		capacitor
X2/R4	RESISTO		14.7k	1% 1/10		0603	Resisto:	
X2/R3	RESISTO		1	1% 1/10		0603	Resisto	
X2/C2	CAPACIT		1uF	10WVDC		0805		capacitor
X2/C5	CAPACIT		1uF	10WVDC		0805		capacitor
X2/R2	RESISTO		4.99	1% 1/10		0603	Resisto	
X2/C4	CAPACIT		luF	10WVDC		0805		capacitor
X2/R1	RESISTO		49.9	1% 1/10		0603	Resisto	
X2/U6	REFEREN			N/A	 S08	2.5V Re		_
X2/R59	RESISTO		49.9	1% 1/10		0603	Resisto:	r
X2/X4/C		CAPACITO		0.1uF	16WVDC		0603	Ceramic capacito
x2/x4/C	30	POLARIZ	ED_CAPAC	ITOR	47uF	15WVDC	2711	Tantalum capacit
x2/x4/C	3	CAPACITO	OR	4.7uF	10WVDC	X7R	1812	Ceramic capacito
X2/X4/R	3.0	RESISTO	2	15.0k	1% 1/10	ועז (	0603	Resistor
X2/X4/R		RESISTO		3.01k	1% 1/10		0603	Resistor
X2/X4/C		CAPACIT		4.7uF	10WVDC		1812	Ceramic capacito
r	20	CALACII		I. / ar	TOWVDC	21/10	1012	cciamic capacito
x2/x4/C	25	CAPACITO	OR	0.1uF	16WVDC	X7R	0603	Ceramic capacito
X2/X4/R	33	RESISTO	2	330	1% 1/10	) W	0603	Resistor
X2/X4/R		RESISTO	?	1	1/4W	1206	Resisto:	r
x2/x4/C	23	CAPACITO	OR	0.1uF	16WVDC	X7R	0603	Ceramic capacito
$x_2/x_4/R$	26	RESISTO	3	1.05k	1% 1/10	) W	0603	Resistor
X2/X4/R		RESISTO		4.42k	1% 1/10		0603	Resistor
X2/X4/C		CAPACITO		7.5nF	16WVDC		0603	Ceramic capacito
r		· · · · · · · · · · · · · · · · · · ·			– •		· · · <del>-</del>	
X2/X4/R	28	RESISTO	3	3.01k	1% 1/10	) W	0603	Resistor
X2/X4/R		RESISTO		1	1% 1/10		0603	Resistor
X2/X4/C		CAPACITO		0.1uF	16WVDC		0603	Ceramic capacito
r X2/X4/U	10	DUAL_OP		LM6142A	IM	N/A	S08	generic dual ope
	l amplif:			<del>-</del> -		•	-	5 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
X2/X4/C	_	CAPACITO	OR	0.1uF	16WVDC	X7R	0603	Ceramic capacito
X2/X4/R	1.8	RESISTO	?	5.11	1% 1/10	) W	0603	Resistor
X2/X4/C		CAPACIT		0.1uF	16WVDC		0603	Ceramic capacito
r	± <i>J</i>	CIM ACTI	J-1	J.IUI	T 0 44 4 DC	22 / 10	0000	ccramic capacito
$\begin{bmatrix} x_2/x_4/R \end{bmatrix}$	17	RESISTO	₹	5.11	1% 1/10	λM	0603	Resistor
X2/X4/R		CAPACIT(		0.1uF	16WVDC		0603	Ceramic capacito
r	_		= ··=		20	- · - *		
x2/x4/R	16	RESISTO	ર	5.11	1% 1/10	) W	0603	Resistor
X2/X4/C		CAPACITO		0.1uF	16WVDC		0603	Ceramic capacito
r X2/X4/R	5	RESISTO	?	5.11	1% 1/10	)W	0603	Resistor
								45/00

Apr 22, 15 11:47		Vide	o.bom.txt	Page 26/41
X2/X4/C9	CAPACITOR	0.1uF	16WVDC X7R	0603 Ceramic capacito
r   X2/X4/R21	RESISTOR	330	1% 1/10W	0603 Resistor
X2/X4/C8	CAPACITOR	0.1uF	16WVDC X7R	0603 Ceramic capacito
r				_
X2/X4/R22	RESISTOR	330	1% 1/10W	0603 Resistor
X2/X4/C7 r	CAPACITOR	0.1uF	16WVDC X7R	0603 Ceramic capacito
X2/X4/R23	RESISTOR	330	1% 1/10W	0603 Resistor
X2/X4/R42	RESISTOR	4.32k	1% 1/10W	0603 Resistor
X2/X4/R1	RESISTOR	4.32k	1% 1/10W	0603 Resistor
X2/X4/Q2	MMBFJ309		unknown SOT23	n-channel jfet
X2/X4/C22 r	CAPACITOR	0.1uF	16WVDC X7R	0603 Ceramic capacito
x2/x4/R13	RESISTOR	46.4	1% 1/10W	0603 Resistor
X2/X4/R41	RESISTOR	301k	1% 0603	Resistor
X2/X4/U6	ADA4805-1AKSZ	unknown	unknown SC70-6	Fast opamp
X2/X4/U8	ADA4805-1AKSZ	unknown	unknown SC70-6	Fast opamp
X2/X4/U5	ADA4805-1AKSZ		unknown SC70-6	Fast opamp
X2/X4/U4	ADA4805-1AKSZ		unknown SC70-6	Fast opamp
X2/X4/R24	RESISTOR	20	1% 1/10W	0603 Resistor
X2/X4/C16 r	CAPACITOR	1uF	10WVDC X7R	0805 Ceramic capacito
X2/X4/C4a r	CAPACITOR	30pF	5% NPO Vitreous	0505 Ceramic capacito
X2/X4/C2 r	CAPACITOR	0.1uF	16WVDC X7R	0603 Ceramic capacito
X2/X4/R11	RESISTOR	2.00k	1% 0603	Resistor
X2/X4/U12	MAX4594DCKR		unknown SC70	SPST analog switch
X2/X4/C17	CAPACITOR	0.1uF	16WVDC X7R	0603 Ceramic capacito
r				
X2/X4/R38	RESISTOR	3.00k	1% 0603	Resistor
X2/X4/U11	MAX4594DCKR		unknown SC70	SPST analog switch
X2/X4/C6 r	CAPACITOR	0.1uF	16WVDC X7R	0603 Ceramic capacito
X2/X4/U3	MAX4594DCKR	unknown	unknown SC70	SPST analog switch
X2/X4/R25	RESISTOR	1.00Meg	1% 0603	Resistor
X2/X4/R19	RESISTOR	62	1% 1/10W	0805 Resistor
X2/X4/R15	RESISTOR	3.00k	1% 0603	Resistor
X2/X4/C12 r	CAPACITOR	0.1uF	16WVDC X7R	0603 Ceramic capacito
x2/x4/R4	RESISTOR	3.00k	1% 0603	Resistor
X2/X4/C20	CAPACITOR	1nF	50WVDC COG	0603 Ceramic capacito
r x2/x4/C21	CAPACITOR	1nF	50WVDC COG	0603 Ceramic capacito
r   X2/X4/R14	RESISTOR	46.4	1% 1/10W	0603 Resistor
X2/X4/U9	AD7984BRMZ		unknown MSOP10	ADC
X2/X4/R7	RESISTOR	DNP	1% 1/10W	0603 Resistor
X2/X4/C18	CAPACITOR	DNP	25WVDC X7R	0603 Ceramic capacito
x2/x4/C19	CAPACITOR	2pF	25WVDC X7R	0603 Ceramic capacito
r   X2/X4/R10	RESISTOR	3.00k	1% 0603	Resistor
X2/X4/R10 X2/X4/R12	RESISTOR	3.00k	1% 0603	Resistor
X2/X4/K12 X2/X4/U7	MAX4594DCKR		unknown SC70	SPST analog switch
X2/X4/C4	CAPACITOR	100pF	5% NPO Vitreous	
r X2/X4/R2	RESISTOR	2.00k	1% 0603	Resistor
40/00				M/s do s s do . A s sil 00, 004

Apr 22, 15 11:47		Vide	o.bom.	txt		Page 27/41
x2/x4/R9	RESISTOR	3.00k	 1왕	0603	Resisto	r
X2/X4/R8	RESISTOR	0	1%	0603	Resisto	
x2/x4/C1	CAPACITOR	220pF	50WVDC			capacitor
X2/X4/C1 X2/X3/C29	CAPACITOR	0.1uF	16WVDC		0603	Ceramic capacito
r ************************************		THOR	40 0	15,500	0.11	m
X2/X3/C30 or	POLARIZED_CAPAC	TTOR	47uF	15WVDC	2711	Tantalum capacit
X2/X3/C3 r	CAPACITOR	4.7uF	10WVDC	X7R	1812	Ceramic capacito
X2/X3/R39	RESISTOR	15.0k	1% 1/1	OW	0603	Resistor
X2/X3/R40	RESISTOR	3.01k	1% 1/1	OW	0603	Resistor
X2/X3/C28	CAPACITOR	4.7uF	10WVDC	X7R	1812	Ceramic capacito
r X2/X3/C25	CAPACITOR	0.1uF	16WVDC	x7R	0603	Ceramic capacito
r						_
X2/X3/R33	RESISTOR	330	1% 1/1		0603	Resistor
X2/X3/R20	RESISTOR	1	1/4W	1206	Resisto:	
X2/X3/C23	CAPACITOR	0.1uF	16WVDC	X7R	0603	Ceramic capacito
x2/x3/R26	RESISTOR	1.05k	1% 1/1	ΟW	0603	Resistor
X2/X3/R27	RESISTOR	4.42k	1% 1/1		0603	Resistor
X2/X3/C24	CAPACITOR	7.5nF	16WVDC		0603	Ceramic capacito
r	CALACITOR				0003	cciamic capacito
X2/X3/R28	RESISTOR	3.01k	1% 1/1	ΟW	0603	Resistor
X2/X3/R6	RESISTOR	1	1% 1/1	ΟW	0603	Resistor
X2/X3/C10	CAPACITOR	0.1uF	16WVDC	X7R	0603	Ceramic capacito
r x2/x3/U10	DUAL_OPAMP	LM6142A	IM	N/A	S08	generic dual ope
rational amplif X2/X3/C14	CAPACITOR	0.1uF	16WVDC	V7D	0603	Ceramic capacito
r	CAPACITOR					_
X2/X3/R18	RESISTOR	5.11	1% 1/1	ΟW	0603	Resistor
X2/X3/C13	CAPACITOR	0.1uF	16WVDC	X7R	0603	Ceramic capacito
x2/x3/R17	RESISTOR	5.11	1% 1/1	ΩW	0603	Resistor
X2/X3/C11	CAPACITOR	0.1uF	16WVDC		0603	Ceramic capacito
r	CAFACTION	o.rur			0003	Ceramic capacito
X2/X3/R16	RESISTOR	5.11	1% 1/1	ΟW	0603	Resistor
X2/X3/C5	CAPACITOR	0.1uF	16WVDC	X7R	0603	Ceramic capacito
r X2/X3/R5	RESISTOR	5.11	1% 1/1	OW	0603	Resistor
X2/X3/C9	CAPACITOR	0.1uF	16WVDC		0603	Ceramic capacito
r	C111 11 C1 1 O1(					_
X2/X3/R21	RESISTOR	330	1% 1/1		0603	Resistor
X2/X3/C8	CAPACITOR	0.1uF	16WVDC	X7R	0603	Ceramic capacito
r   X2/X3/R22	RESISTOR	330	1% 1/1	OW	0603	Resistor
X2/X3/C7	CAPACITOR	0.1uF	16WVDC		0603	Ceramic capacito
r						_
X2/X3/R23	RESISTOR	330	1% 1/1		0603	Resistor
X2/X3/R42	RESISTOR	4.32k	1% 1/1		0603	Resistor
X2/X3/R1	RESISTOR	4.32k	1% 1/1	ΟW	0603	Resistor
X2/X3/Q2	MMBFJ309	unknown	unknow	n SOT23	n-channe	
X2/X3/C22	CAPACITOR	0.1uF	16WVDC		0603	Ceramic capacito
r X2/X3/R13	RESISTOR	46.4	1% 1/1	OW	0603	Resistor
X2/X3/R41	RESISTOR	301k	1%	0603	Resisto	
X2/X3/U6	ADA4805-1AKSZ			n SC70-6	Fast op	
X2/X3/U8	ADA4805-1AKSZ			n SC70-6	Fast op	
Mada a da A A a al 00		3.2.2.2.1.0 W11	3.2.2.2.2.1.0 W		- 220 010	T-

Apr 22, 15 11:47		Vide	o.bom.txt		Page 28/41
X2/X3/U5	ADA4805-1AKSZ		unknown SC70-6	Fast opam	
X2/X3/U4	ADA4805-1AKSZ	unknown	unknown SC70-6	Fast opam	
X2/X3/R24	RESISTOR	20	1% 1/10W		esistor
X2/X3/C16 r	CAPACITOR	1uF	10WVDC X7R	0805 Ce	eramic capacito
X2/X3/C4a r	CAPACITOR	30pF	5% NPO Vitreous	0505 Ce	eramic capacito
X2/X3/C2 r	CAPACITOR	0.1uF	16WVDC X7R	0603 Ce	eramic capacito
X2/X3/R11	RESISTOR	2.00k	1% 0603	Resistor	
X2/X3/U12	MAX4594DCKR	unknown	unknown SC70	SPST analo	og switch
X2/X3/C17 r	CAPACITOR	0.1uF	16WVDC X7R	0603 Ce	eramic capacito
X2/X3/R38	RESISTOR	3.00k	1% 0603	Resistor	
X2/X3/U11	MAX4594DCKR	unknown	unknown SC70	SPST analo	og switch
X2/X3/C6	CAPACITOR	0.1uF	16WVDC X7R	0603 Ce	eramic capacito
X2/X3/U3	MAX4594DCKR	unknown	unknown SC70	SPST analo	og switch
X2/X3/R25	RESISTOR	1.00Meg		Resistor	
X2/X3/R19	RESISTOR	62	1% 1/10W		esistor
X2/X3/R15	RESISTOR	3.00k	1% 0603	Resistor	
X2/X3/C12 r	CAPACITOR	0.1uF	16WVDC X7R		eramic capacito
x2/x3/R4	RESISTOR	3.00k	1% 0603	Resistor	
X2/X3/C20	CAPACITOR	1nF	50WVDC COG		eramic capacito
r X2/X3/C21	CAPACITOR	1nF	50WVDC COG	0603 Ce	eramic capacito
r   X2/X3/R14	RESISTOR	46.4	1% 1/10W	0603 Re	esistor
X2/X3/K14 X2/X3/U9	AD7984BRMZ		unknown MSOP10	ADC	esiscoi
X2/X3/03 X2/X3/R7	RESISTOR	DNP	1% 1/10W		esistor
X2/X3/K7 X2/X3/C18	CAPACITOR	DNP	25WVDC X7R		eramic capacito
r X2/X3/C19	CAPACITOR	2pF	25WVDC X7R	0603 Ce	oromia appaaito
r		_			eramic capacito
X2/X3/R10	RESISTOR	3.00k	1% 0603	Resistor	
X2/X3/R12	RESISTOR	3.00k		Resistor	
X2/X3/U7	MAX4594DCKR		unknown SC70	SPST analo	
X2/X3/C4 r	CAPACITOR	100pF	5% NPO Vitreous	0505 Ce	eramic capacito
X2/X3/R2	RESISTOR	2.00k	1% 0603	Resistor	
X2/X3/R9	RESISTOR	3.00k	1% 0603	Resistor	
X2/X3/R8	RESISTOR	0	1% 0603	Resistor	
X2/X3/C1	CAPACITOR	220pF	50WVDC 0805	Ceramic ca	apacitor
X2/X2/C29	CAPACITOR	0.1uF	16WVDC X7R		eramic capacito
x2/x2/C30 or	POLARIZED_CAPAC	ITOR	47uF 15WVDC	2711 та	antalum capacit
X2/X2/C3	CAPACITOR	4.7uF	10WVDC X7R	1812 Ce	eramic capacito
r v2/v2/p20	DECICAVD	15 01-	1 9 1 / 1 ∩ τ.τ	0602	ogiator
X2/X2/R39	RESISTOR	15.0k	1% 1/10W		esistor
X2/X2/R40	RESISTOR	3.01k	1% 1/10W		esistor
X2/X2/C28 r	CAPACITOR	4.7uF	10WVDC X7R	1812 Ce	eramic capacito
X2/X2/C25 r	CAPACITOR	0.1uF	16WVDC X7R	0603 Ce	eramic capacito
X2/X2/R33	RESISTOR	330	1% 1/10W	0603 Re	esistor
X2/X2/R20	RESISTOR	1	1/4W 1206	Resistor	·
X2/X2/C23	CAPACITOR	0.1uF	16WVDC X7R		eramic capacito
		3.141		3000	

Apr 22, 15 11:47		Vide	o.bom.txt		Page 29/41
r					
X2/X2/R26	RESISTOR	1.05k	1% 1/10W	0603	Resistor
X2/X2/R27	RESISTOR	4.42k	1% 1/10W	0603	Resistor
X2/X2/C24	CAPACITOR	7.5nF	16WVDC X7R	0603	Ceramic capacito
r	CALACTION	7 . JIII	TOWVDC A/IC	0003	cciamic capacito
X2/X2/R28	RESISTOR	3.01k	1% 1/10W	0603	Resistor
X2/X2/R6	RESISTOR	1	1% 1/10W	0603	Resistor
X2/X2/C10	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r	C111 11C 1 1 O1C	0.141	10WVDC 21/10	0005	ceramic capacito
x2/x2/U10	DUAL OPAMP	LM6142A	IM N/A	S08	generic dual ope
rational amplif		111011211	14, 11	500	generie adar ope
X2/X2/C14	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r	0111101101	0.141	1011/10	0005	ceramic capacito
X2/X2/R18	RESISTOR	5.11	1% 1/10W	0603	Resistor
X2/X2/C13	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r					
X2/X2/R17	RESISTOR	5.11	1% 1/10W	0603	Resistor
X2/X2/C11	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r	-	<del>-</del>	- ·-		
X2/X2/R16	RESISTOR	5.11	1% 1/10W	0603	Resistor
X2/X2/C5	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r					-
X2/X2/R5	RESISTOR	5.11	1% 1/10W	0603	Resistor
X2/X2/C9	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r					_
X2/X2/R21	RESISTOR	330	1% 1/10W	0603	Resistor
X2/X2/C8	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r					
X2/X2/R22	RESISTOR	330	1% 1/10W	0603	Resistor
X2/X2/C7	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r					
X2/X2/R23	RESISTOR	330	1% 1/10W	0603	Resistor
X2/X2/R42	RESISTOR	4.32k	1% 1/10W	0603	Resistor
X2/X2/R1	RESISTOR	4.32k	1% 1/10W	0603	Resistor
X2/X2/Q2	MMBFJ309		unknown SOT23	n-channe	
X2/X2/C22	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r					
X2/X2/R13	RESISTOR	46.4	1% 1/10W	0603	Resistor
X2/X2/R41	RESISTOR	301k	1% 0603	Resisto	
X2/X2/U6	ADA4805-1AKSZ		unknown SC70-6	Fast opa	_
X2/X2/U8	ADA4805-1AKSZ		unknown SC70-6	Fast opa	
X2/X2/U5	ADA4805-1AKSZ		unknown SC70-6	Fast opa	
X2/X2/U4	ADA4805-1AKSZ		unknown SC70-6	Fast opa	
X2/X2/R24	RESISTOR	20	1% 1/10W	0603	Resistor
X2/X2/C16	CAPACITOR	1uF	10WVDC X7R	0805	Ceramic capacito
r vo (vo (ode		20 5	F 9. NTD 0 17- +	0.5.0.5	
X2/X2/C4a	CAPACITOR	30pF	5% NPO Vitreous	0505	Ceramic capacito
r v2/v2/d2		0 1	1611100 270	0602	Conomia a sacrati
X2/X2/C2	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r v2/v2/p11		2 001-	1 % 0 6 0 2	Dog: at ==	
X2/X2/R11	RESISTOR MAX4594DCKR	2.00k	1% 0603 unknown SC70	Resistor	r alog switch
X2/X2/U12 X2/X2/C17	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
x2/x2/C1/ r	CAPACIIUK	U.IUF	TOMANC VIK	0003	Ceramic Capacito
X2/X2/R38	RESISTOR	3.00k	1% 0603	Resisto	r
X2/X2/K36 X2/X2/U11	MAX4594DCKR		unknown SC70		alog switch
X2/X2/011 X2/X2/C6	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
x2/x2/C6	CALACTION	U.IUF	TOMADO VIL	0003	Ceramic Capacito
x2/x2/u3	MAX4594DCKR	unknown	unknown SC70	SPST and	alog switch
Mada and Andi OO		X1112110 W11	aminown bc/o	2121 0110	40/00

Apr 22, 15 11:47		Vide	o.bom.txt		Page 30/41
X2/X2/R25	RESISTOR	1.00Meg	1% 0603	Resisto	
X2/X2/R19	RESISTOR	62	1% 1/10W	0805	Resistor
X2/X2/R15	RESISTOR	3.00k	1% 0603	Resisto	
X2/X2/C12	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r	CALACTION	o.iur	TOWVDC 1771	0003	ceramic capacito
X2/X2/R4	RESISTOR	3.00k	1% 0603	Resisto	r
X2/X2/C20	CAPACITOR	1nF	50WVDC COG	0603	Ceramic capacito
r	C/11/1C11010	<b>1111</b>	30WVBC C0G	0003	ecramic capacito
X2/X2/C21	CAPACITOR	1nF	50WVDC COG	0603	Ceramic capacito
r x2/x2/D14	DEGEGEOR	16 1	10 1/1017	0.602	Dani atau
X2/X2/R14	RESISTOR	46.4	1% 1/10W	0603	Resistor
X2/X2/U9	AD7984BRMZ		unknown MSOP10	ADC	
X2/X2/R7	RESISTOR	DNP	1% 1/10W	0603	Resistor
X2/X2/C18	CAPACITOR	DNP	25WVDC X7R	0603	Ceramic capacito
r		. –	0.5	0.500	
X2/X2/C19 r	CAPACITOR	2pF	25WVDC X7R	0603	Ceramic capacito
X2/X2/R10	RESISTOR	3.00k	1% 0603	Resisto	r
X2/X2/R12	RESISTOR	3.00k	1% 0603	Resisto	
X2/X2/U7	MAX4594DCKR		unknown SC70		alog switch
X2/X2/C4	CAPACITOR	100pF	5% NPO Vitreous		Ceramic capacito
r		I			
X2/X2/R2	RESISTOR	2.00k	1% 0603	Resisto	r
X2/X2/R9	RESISTOR	3.00k	1% 0603	Resisto	
X2/X2/R8	RESISTOR	0	1% 0603	Resisto	
X2/X2/C1	CAPACITOR	220pF	50WVDC 0805		capacitor
X2/X1/C29	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r	CAFACITOR	o.iur	IOWVDC X/R	0003	ceramic capacito
x2/x1/c30 or	POLARIZED_CAPAC	ITOR	47uF 15WVDC	2711	Tantalum capacit
X2/X1/C3 r	CAPACITOR	4.7uF	10WVDC X7R	1812	Ceramic capacito
X2/X1/R39	RESISTOR	15.0k	1% 1/10W	0603	Resistor
X2/X1/R35 X2/X1/R40	RESISTOR	3.01k	1% 1/10W	0603	Resistor
X2/X1/K40 X2/X1/C28	CAPACITOR	4.7uF	10WVDC X7R	1812	Ceramic capacito
r	CAFACITOR	4.7ur	IOWVDC X/K	1012	ceramic capacito
X2/X1/C25	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
X2/X1/R33	RESISTOR	330	1% 1/10W	0603	Resistor
X2/X1/R20	RESISTOR	1	1/4W 1206	Resisto	
X2/X1/C23	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r		0.1241			
X2/X1/R26	RESISTOR	1.05k	1% 1/10W	0603	Resistor
X2/X1/R27	RESISTOR	4.42k	1% 1/10W	0603	Resistor
X2/X1/C24	CAPACITOR	7.5nF	16WVDC X7R	0603	Ceramic capacito
r					
X2/X1/R28	RESISTOR	3.01k	1% 1/10W	0603	Resistor
X2/X1/R6	RESISTOR	1	1% 1/10W	0603	Resistor
X2/X1/C10	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r					
X2/X1/U10	DUAL_OPAMP	LM6142A	IM N/A	S08	generic dual ope
rational amplif		0 1	1611100 270	0603	Coromia accessite
X2/X1/C14 r	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
X2/X1/R18	RESISTOR	5.11	1% 1/10W	0603	Resistor
X2/X1/K10 X2/X1/C13	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r	CHEACTION	o. rur	TOWADC VIV	0003	ccramic capacito
X2/X1/R17	RESISTOR	5.11	1% 1/10W	0603	Resistor
X2/X1/K1/ X2/X1/C11	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
70/00	CULUCTION	o.rur	TOWADC VIV	0003	_

Apr 22, 15 11:47		Vide	o.bom.txt		Page 31/41
r		1100			. ago o 1, 11
X2/X1/R16	RESISTOR	5.11	1% 1/10W	0603	Resistor
X2/X1/C5	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r	C11111C11O10	0.141	1000000 21710	0005	ceramic capacito
X2/X1/R5	RESISTOR	5.11	1% 1/10W	0603	Resistor
X2/X1/C9	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r	011111011011	0.141	1011/10	0005	ceramic capacito
X2/X1/R21	RESISTOR	330	1% 1/10W	0603	Resistor
X2/X1/C8	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r	011111011011	0 1 = 0.1	2011/20 22/21		
X2/X1/R22	RESISTOR	330	1% 1/10W	0603	Resistor
X2/X1/C7	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r					
X2/X1/R23	RESISTOR	330	1% 1/10W	0603	Resistor
X2/X1/R42	RESISTOR	4.32k	1% 1/10W	0603	Resistor
X2/X1/R1	RESISTOR	4.32k	1% 1/10W	0603	Resistor
X2/X1/Q2	MMBFJ309	unknown	unknown SOT23	n-channe	el jfet
X2/X1/C22	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r					
X2/X1/R13	RESISTOR	46.4	1% 1/10W	0603	Resistor
X2/X1/R41	RESISTOR	301k	1% 0603	Resisto	
X2/X1/U6	ADA4805-1AKSZ	unknown	unknown SC70-6	Fast opa	amp
X2/X1/U8	ADA4805-1AKSZ	unknown	unknown SC70-6	Fast opa	amp
X2/X1/U5	ADA4805-1AKSZ	unknown	unknown SC70-6	Fast opa	amp
X2/X1/U4	ADA4805-1AKSZ	unknown	unknown SC70-6	Fast opa	amp
X2/X1/R24	RESISTOR	20	1% 1/10W	0603	Resistor
X2/X1/C16	CAPACITOR	1uF	10WVDC X7R	0805	Ceramic capacito
r					
X2/X1/C4a	CAPACITOR	30pF	5% NPO Vitreous	0505	Ceramic capacito
r					
X2/X1/C2	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r					
X2/X1/R11	RESISTOR	2.00k	1% 0603	Resisto	
X2/X1/U12	MAX4594DCKR		unknown SC70		alog switch
X2/X1/C17	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r	DEGE GEOD	2 001	1.0		
X2/X1/R38	RESISTOR	3.00k	1% 0603	Resisto	
X2/X1/U11	MAX4594DCKR		unknown SC70		alog switch
X2/X1/C6	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r v2/v1/ii2	MAYAFOADOVD	unlengran	unknown SC70	CDCT and	alog gwitab
X2/X1/U3 X2/X1/R25	MAX4594DCKR RESISTOR	1.00Meg		Resisto:	alog switch
X2/X1/R25 X2/X1/R19	RESISTOR	1.00Meg 62	1% 1/10W	0805	r Resistor
X2/X1/R19 X2/X1/R15	RESISTOR	62 3.00k	1% 1/10W 1% 0603	Resisto:	
X2/X1/R15 X2/X1/C12	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r	CULUCTION	O. Lur	TOMADO VIV	0000	ceramic capacito
x2/x1/R4	RESISTOR	3.00k	1% 0603	Resisto	r
X2/X1/C20	CAPACITOR	1nF	50WVDC COG	0603	Ceramic capacito
r	C111 11C 1 1 OIK		30WVDC C00	3003	ceramic capacito
x2/x1/C21	CAPACITOR	1nF	50WVDC COG	0603	Ceramic capacito
r					
x2/x1/R14	RESISTOR	46.4	1% 1/10W	0603	Resistor
X2/X1/U9	AD7984BRMZ		unknown MSOP10	ADC	
X2/X1/R7	RESISTOR	DNP	1% 1/10W	0603	Resistor
X2/X1/C18	CAPACITOR	DNP	25WVDC X7R	0603	Ceramic capacito
r				<del>-</del>	1 11.5
X2/X1/C19	CAPACITOR	2pF	25WVDC X7R	0603	Ceramic capacito
r		-			1
X2/X1/R10	RESISTOR	3.00k	1% 0603	Resisto	r
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\					F4/00

Apr 22,	Apr 22, 15 11:47				o.bom.	txt		Page 32/41
X2/X1/R	12	RESISTO	 R	3.00k	1%	0603	Resisto	r
X2/X1/U	7	MAX45941	OCKR	unknown	unknown	n SC70	SPST and	alog switch
X2/X1/C	4	CAPACITO	OR	100pF	5% NP0	Vitreous	0505	Ceramic capacito
r								
X2/X1/R		RESISTO		2.00k	1%	0603	Resisto:	
X2/X1/R		RESISTO		3.00k	1%	0603	Resisto	
X2/X1/R		RESISTOR		0		0603	Resisto	
X2/X1/C		CAPACITO		220pF		0805		capacitor
Js	StackCo	nn	unknown	unknown	RC422-2	200-101-3	000	Stacking connect
or J1	Flexpri	nt	unknown	unknown	NK-2M2-	-051	Airborn	e 51 pin connecto
r X1/R53	RESISTO	D	3.74k	1% 1/100	AT.	0603	Resisto	
	RESISTO		3.74k	1% 1/10V		0603	Resisto	
	CAPACIT		0.1uF	16WVDC 2		0603		capacitor
	RESISTO		49.9	1% 1/10V		0603	Resisto	
	CAPACIT		0.1uF	16WVDC 2		0603		capacitor
	CAPACIT		22nF	50WVDC 2		0603		capacitor
X1/U10	MAX308C		unknown				analog i	
	CAPACIT		22nF	50WVDC		0603		capacitor
X1/U9		unknown					CCLAINTC	Capacitor
X1/R50	RESISTO		3.74k	1% 1/10V		0603	Resisto	r
X1/R49	RESISTO		3.74k	1% 1/10V		0603	Resisto	
X1/C35	CAPACIT		0.1uF	16WVDC 2		0603		capacitor
X1/R48	RESISTO		49.9	1% 1/10V		0603	Resisto	
X1/C34	CAPACIT		0.1uF	16WVDC 2		0603		capacitor
X1/C33	CAPACIT		22nF	50WVDC 2		0603		capacitor
X1/U8	MAX308C			unknown			analog 1	
	CAPACIT		22nF	50WVDC		0603		capacitor
X1/U7		unknown					Ceramic	Capacitoi
	CAPACIT		0.1uF	25WVDC 2		0603	Ceramic	capacitor
X1/L4	EXC-3BB			unknown				capacitoi
	CAPACIT		22nF	50WVDC		0603		capacitor
X1/L3	EXC-3BB			unknown				capacitoi
	CAPACIT		22nF	50WVDC		0603		capacitor
X1/L2	EXC-3BB			unknown		EMI chi		
	EXC-3BB		unknown			EMI chi		
X1/C28	CAPACIT		22nF	50WVDC		0603	•	capacitor
X1/X6/R		RESISTO		301k	1%	0603	Resisto	
X1/X6/R		RESISTO		301k	1%	0603	Resisto	
X1/X6/U		DUAL_OPA		LT2078A		N/A	S08	unknown
X1/X6/R		RESISTO		1.00Meg		0603	Resisto	
X1/X6/R		RESISTO		100k	1%	0603	Resisto	
X1/X6/R		RESISTOR		300k	1%	0603	Resisto	
X1/X6/R		RESISTO		100k	1%	0603	Resisto	
X1/X6/R		RESISTO		301k	1%	0603	Resisto	
X1/X6/C		CAPACITO		330pF	50WVDC		0603	Ceramic capacito
X1/X6/R	12	RESISTO	3	470	1% 1/10	) W	0603	Resistor
X1/X6/C		CAPACIT		47nF	50WVDC		0805	Ceramic capacito
r X1/X6/C		CAPACITO		22nF	50WVDC		0603	Ceramic capacito
r								_
X1/X6/R		RESISTO		49.9	1% 1/10		0603	Resistor
X1/X6/R		RESISTO		1.00Meg		0603	Resisto	
X1/X6/R		RESISTO		100k	1%	0603	Resisto	
X1/X6/R		RESISTO		300k	1%	0603	Resisto	
X1/X6/R		RESISTO		100k	1%	0603	Resisto:	
X1/X6/R	4	RESISTO	Κ.	301k	1%	0603	Resisto	r

Apr 22,	15 11:47			Vide	o.bom.	txt		Page 33/41
X1/X6/C	1	CAPACITO	OR	330pF	50WVDC	X7R	0603	Ceramic capacito
r   X1/X6/R	5	RESISTO	₹	470	1% 1/10	)W	0603	Resistor
X1/X6/C		CAPACITO		47nF	50WVDC		0805	Ceramic capacito
r	1 4	DEGLOS	_	2011	1.0	0.602	<b>.</b>	
X1/X5/R X1/X5/R		RESISTOR RESISTOR		301k 301k	1% 1%	0603 0603	Resisto:	
X1/X5/U		DUAL OP		LT2078A		N/A	SO8	unknown
X1/X5/R		RESISTO		1.00Meg		0603	Resisto	
X1/X5/R		RESISTO		100k	1%	0603	Resisto	
X1/X5/R X1/X5/R		RESISTOR RESISTOR		300k 100k	1% 1%	0603 0603	Resisto:	
X1/X5/R X1/X5/R		RESISTO		301k	1%	0603	Resisto:	
X1/X5/C		CAPACITO		330pF	50WVDC		0603	Ceramic capacito
r	1.0		_	4.7.0			0.500	
X1/X5/R		RESISTO		470	1% 1/10		0603 0805	Resistor
X1/X5/C	J	CAPACIT	J.K.	47nF	50WVDC	A/K	0005	Ceramic capacito
X1/X5/C	3	CAPACITO	OR	22nF	50WVDC	X7R	0603	Ceramic capacito
r   X1/X5/R	6	RESISTO	R	49.9	1% 1/10	)W	0603	Resistor
X1/X5/R		RESISTO		1.00Meg		0603	Resisto	
X1/X5/R		RESISTO		100k	1%	0603	Resisto	
X1/X5/R X1/X5/R		RESISTO		300k 100k	1% 1%	0603 0603	Resisto:	
X1/X5/R X1/X5/R		RESISTOR RESISTOR		301k	1%	0603	Resisto:	
X1/X5/C		CAPACITO		330pF	50WVDC		0603	Ceramic capacito
r	_					_		
X1/X5/R X1/X5/C		RESISTOR CAPACITO		470 47nF	1% 1/10 50WVDC		0603 0805	Resistor Ceramic capacito
r	۷	CAPACII	JK	4 / III	JOWADC	X/K	0003	ceramic capacito
X1/R57	RESISTO	R	301k	1%	0603	Resisto	r	
X1/R54	RESISTO		0	1%	0603	Resisto		
X1/R47 X1/R46	RESISTOR RESISTOR		3.01Meg 37.4k	1% 1%	0603 0603	Resisto Resisto		
X1/R40 X1/C27	CAPACIT(		22nF	100WVDC		0805		capacitor
X1/R45	RESISTO		40.2k	1%	0603	Resisto		
X1/C26	CAPACITO		33nF	25WVDC		0603		capacitor
X1/R44 X1/R43	RESISTO		604k 10k	1% 1%	0603 0603	Resisto Resisto		
X1/R43 X1/C25	RESISTOR CAPACITO		22nF	100WVDC		0805		capacitor
X1/R42	RESISTO		10k	1%	0603	Resisto		- x <u>r</u>
X1/Q2	PNP_TRAI			unknown		unknown		
X1/R41	RESISTO		200k 10k	1% 1%	0603 0603	Resisto Resisto		
X1/R40 X1/Q1	RESISTO			unknown		unknown		
X1/C24	CAPACIT	OR	0.1uF	25WVDC		0603		capacitor
X1/R39	RESISTO		133k	1%	0603	Resisto	r	_
X1/U4 amplif	DUAL_OPA	AMP	LM6142A	LM	N/A	S08	generic	dual operational
X1/R38	RESISTO		604k	1%	0603	Resisto		
X1/R37	RESISTO		392k	1% 1%	0603	Resisto		
X1/R36 X1/C23	RESISTOR CAPACITO		200k 3.3nF	1% 50WVDC	0603 x7r	Resisto 0603		capacitor
X1/R35	RESISTO		470	1% 1/10		0603	Resisto	
X1/C22	CAPACITO	OR	0.22uF	25WVDC	X7R	1206	Ceramic	capacitor
X1/U3	DUAL_OP		LT2078A		N/A	S08	unknown	
X1/C21 X1/C20	CAPACITO CAPACITO		0.22uF 0.1uF	25WVDC 2		1206 0603	Ceramic	capacitor capacitor
A1/C20	CAPACII		U.IUF	2 J W V D C 1	:7 / 1/	0003	CELAIIIIC	Capacitor 50/00

Apr 22,	15 11:47		Video.bom	.txt	Page 34/41
X1/R34	RESISTOR	44.2k	1% 0603	Resistor	
X1/R33	RESISTOR	604k	1% 0603	Resistor	
X1/R32	RESISTOR	56.2k	1% 0603	Resistor	
X1/R31	RESISTOR	200k	1% 0603	Resistor	
X1/C19	CAPACITOR	3.3nF	50WVDC X7R	0603 Ceramic	capacitor
X1/R30	RESISTOR	470	1% 1/10W	0603 Resistor	_
X1/R29	RESISTOR	44.2k	1% 0603	Resistor	
X1/R28	RESISTOR	604k	1% 0603	Resistor	
X1/R27	RESISTOR	56.2k	1% 0603	Resistor	
X1/R26	RESISTOR	200k	1% 0603	Resistor	
X1/C18	CAPACITOR	3.3nF	50WVDC X7R	0603 Ceramic	capacitor
X1/R25	RESISTOR	470	1% 1/10W	0603 Resistor	r
X1/C17	CAPACITOR	0.22uF	25WVDC X7R		capacitor
X1/U2	DUAL_OPAMP	LT2078A		SO8 unknown	_
X1/C15	CAPACITOR	0.1uF	25WVDC X7R	0603 Ceramic	capacitor
X1/C16	CAPACITOR		50WVDC X7R		capacitor
X1/R24	RESISTOR	54.9k	1% 0603	Resistor	
X1/R23	RESISTOR	82.5k	1% 0603	Resistor	
X1/R22	RESISTOR	604k	1% 0603	Resistor	
X1/R21	RESISTOR	953k	1% 0603	Resistor	
X1/R20	RESISTOR	200k	1% 0603	Resistor	
X1/C14	CAPACITOR	3.3nF	50WVDC X7R		capacitor
X1/R19	RESISTOR	470	1% 1/10W	0603 Resistor	
X1/C13	CAPACITOR	0.22uF	25WVDC X7R		capacitor
X1/R18	RESISTOR	54.9k	1% 0603	Resistor	
X1/R17	RESISTOR	82.5k	1% 0603	Resistor	
X1/R16	RESISTOR	604k 953k	1% 0603 1% 0603	Resistor	
X1/R15 X1/R14	RESISTOR RESISTOR	953k 200k	1% 0603 1% 0603	Resistor Resistor	
X1/K14 X1/C12	CAPACITOR	3.3nF	50WVDC X7R		capacitor
X1/C12 X1/R13	RESISTOR	470	1% 1/10W	0603 Resistor	
X1/C11	CAPACITOR	0.22uF	25WVDC X7R		capacitor
X1/C40	CAPACITOR	0.1uF	25WVDC X7R		capacitor
X1/U11	DUAL OPAMP	LM6142A			dual operational
	ier, SO8	111011211	11, 11, 11	generie	dual operational
X1/U1	DUAL_OPAMP	LT2078A	IS8 N/A	SO8 unknown	
X1/R12			1% 1/10W	0603 Resistor	
X1/C10	CAPACITOR	0.1uF	25WVDC X7R		capacitor
X1/C9	CAPACITOR	0.1uF	25WVDC X7R	0603 Ceramic	capacitor
X1/C8	CAPACITOR	0.1uF	25WVDC X7R		capacitor
X1/R11	RESISTOR	54.9k	1% 0603	Resistor	_
X1/R10	RESISTOR	82.5k	1% 0603	Resistor	
X1/R9	RESISTOR	604k	1% 0603	Resistor	
X1/R8	RESISTOR	953k	1% 0603	Resistor	
X1/R7	RESISTOR	200k	1% 0603	Resistor	
X1/C7	CAPACITOR	3.3nF	50WVDC X7R		capacitor
X1/R6	RESISTOR	470	1% 1/10W	0603 Resistor	
X1/C6	CAPACITOR	0.22uF	25WVDC X7R		capacitor
X1/U5	DUAL_OPAMP	LM6142A	IM N/A	SO8 generic	dual operational
	ier, SO8				
X1/R5	RESISTOR	4.75k	1% 1/10W	0603 Resistor	
X1/C3	CAPACITOR	620pF	10WVDC X7R		capacitor
X1/R4	RESISTOR	14.7k	1% 1/10W	0603 Resistor	
X1/R3	RESISTOR	1	1% 1/10W	0603 Resistor	
X1/C2	CAPACITOR	1uF	10WVDC X7R		capacitor
X1/C5	CAPACITOR	1uF	10WVDC X7R	0805 Ceramic	capacitor
X1/R2	RESISTOR	4.99	1% 1/10W	0603 Resistor	
X1/C4	CAPACITOR	1uF	10WVDC X7R		capacitor
X1/R1	RESISTOR	49.9	1% 1/10W	0603 Resistor	L

Apr 22, 15 11:47		Vide	o.bom.	txt		Page 35/41
X1/U6 REFEREN	ICE REF43GS	N/A	S08	2.5V Re	ference	
X1/R59 RESISTO		1% 1/10		0603	Resisto	r
X1/X4/C29 r	CAPACITOR	0.1uF	16WVDC		0603	Ceramic capacito
x1/x4/C30 or	POLARIZED_CAPAC	ITOR	47uF	15WVDC	2711	Tantalum capacit
X1/X4/C3 r	CAPACITOR	4.7uF	10WVDC	X7R	1812	Ceramic capacito
X1/X4/R39	RESISTOR	15.0k	1% 1/10	υ	0603	Resistor
X1/X4/R40	RESISTOR	3.01k	1% 1/10		0603	Resistor
X1/X4/C28	CAPACITOR	4.7uF	10WVDC		1812	Ceramic capacito
r X1/X4/C25 r	CAPACITOR	0.1uF	16WVDC	X7R	0603	Ceramic capacito
X1/X4/R33	RESISTOR	330	1% 1/10	WC	0603	Resistor
X1/X4/R20	RESISTOR	1	1/4W	1206	Resisto	r
X1/X4/C23	CAPACITOR	0.1uF	16WVDC	X7R	0603	Ceramic capacito
X1/X4/R26	RESISTOR	1.05k	1% 1/10	DW	0603	Resistor
X1/X4/R27	RESISTOR	4.42k	1% 1/10		0603	Resistor
X1/X4/C24 r	CAPACITOR	7.5nF	16WVDC	X7R	0603	Ceramic capacito
X1/X4/R28	RESISTOR	3.01k	1% 1/10	WC	0603	Resistor
X1/X4/R6	RESISTOR	1	1% 1/10		0603	Resistor
X1/X4/C10 r	CAPACITOR	0.1uF	16WVDC		0603	Ceramic capacito
X1/X4/U10 rational amplif	DUAL_OPAMP	LM6142A	IM	N/A	S08	generic dual ope
X1/X4/C14	CAPACITOR	0.1uF	16WVDC	X7R	0603	Ceramic capacito
X1/X4/R18	RESISTOR	5.11	1% 1/10	υ	0603	Resistor
X1/X4/C13	CAPACITOR	0.1uF	16WVDC		0603	Ceramic capacito
X1/X4/R17	RESISTOR	5.11	1% 1/10	ΣM	0603	Resistor
X1/X4/C11 r	CAPACITOR	0.1uF	16WVDC		0603	Ceramic capacito
X1/X4/R16	RESISTOR	5.11	1% 1/10	λM	0603	Resistor
X1/X4/C5	CAPACITOR	0.1uF	16WVDC		0603	Ceramic capacito
r   X1/X4/R5	RESISTOR	5.11	1% 1/10	ЭW	0603	Resistor
X1/X4/C9 r	CAPACITOR	0.1uF	16WVDC		0603	Ceramic capacito
x1/x4/R21	RESISTOR	330	1% 1/10	М	0603	Resistor
X1/X4/C8 r	CAPACITOR	0.1uF	16WVDC		0603	Ceramic capacito
x1/x4/R22	RESISTOR	330	1% 1/10	ТWT	0603	Resistor
X1/X4/R22 X1/X4/C7 r	CAPACITOR	0.1uF	16WVDC		0603	Ceramic capacito
x1/x4/R23	RESISTOR	330	1% 1/10	ЭW	0603	Resistor
X1/X4/R23 X1/X4/R42	RESISTOR	4.32k	1% 1/10		0603	Resistor
X1/X4/R42 X1/X4/R1	RESISTOR	4.32k	1% 1/10		0603	Resistor
X1/X4/Q2	MMBFJ309	unknown			n-channe	
X1/X4/C22	CAPACITOR	0.1uF	16WVDC		0603	Ceramic capacito
r v1/v4/p12		16 1	10 1/1/	) Tu	0602	Dogi atom
X1/X4/R13	RESISTOR	46.4	1% 1/10		0603	Resistor
X1/X4/R41	RESISTOR	301k	1%	0603	Resisto:	
X1/X4/U6	ADA4805-1AKSZ ADA4805-1AKSZ			n SC70-6 n SC70-6	Fast op	
X1/X4/U8 X1/X4/U5	ADA4805-IAKSZ ADA4805-1AKSZ			n SC70-6 n SC70-6	Fast opa	
Mada a ada A Anii 00		GIIGIIOWII	CTTIZTIO MI	1 50/0-0	Tabl Ope	ap

Apr 22, 15 11:47		Vide	o.bom.txt	Page 36/41
x1/x4/U4	ADA4805-1AKSZ	unknown	unknown SC70-6	Fast opamp
X1/X4/R24	RESISTOR	20	1% 1/10W	0603 Resistor
X1/X4/C16	CAPACITOR	luF	10WVDC X7R	0805 Ceramic capacito
r	071171011011	141	100000 21710	ceramic capacite
X1/X4/C4a r	CAPACITOR	30pF	5% NPO Vitreous	0505 Ceramic capacito
X1/X4/C2	CAPACITOR	0.1uF	16WVDC X7R	0603 Ceramic capacito
r   X1/X4/R11	RESISTOR	2.00k	1% 0603	Resistor
X1/X4/U12	MAX4594DCKR		unknown SC70	SPST analog switch
X1/X4/C17	CAPACITOR	0.1uF	16WVDC X7R	0603 Ceramic capacito
r x1/x4/D20	DEGE GEOD	2 001-	1.8. 0.6.0.3	Donieton
X1/X4/R38	RESISTOR	3.00k	1% 0603	Resistor
X1/X4/U11	MAX4594DCKR		unknown SC70	SPST analog switch
X1/X4/C6	CAPACITOR	0.1uF	16WVDC X7R	0603 Ceramic capacito
r	MA 37 4 E O 4 D GIAD	1	0.070	CDCEl-
X1/X4/U3	MAX4594DCKR		unknown SC70	SPST analog switch
X1/X4/R25	RESISTOR	1.00Meg		Resistor
X1/X4/R19	RESISTOR	62	1% 1/10W	0805 Resistor
X1/X4/R15	RESISTOR	3.00k	1% 0603	Resistor
X1/X4/C12	CAPACITOR	0.1uF	16WVDC X7R	0603 Ceramic capacito
r	D D G T G D O D	2 001	10 0602	B
X1/X4/R4	RESISTOR	3.00k	1% 0603	Resistor
X1/X4/C20	CAPACITOR	1nF	50WVDC COG	0603 Ceramic capacito
r   X1/X4/C21	CAPACITOR	1nF	50WVDC COG	0603 Ceramic capacito
r				
x1/x4/R14	RESISTOR	46.4	1% 1/10W	0603 Resistor
X1/X4/U9	AD7984BRMZ		unknown MSOP10	ADC
X1/X4/R7	RESISTOR	DNP	1% 1/10W	0603 Resistor
X1/X4/C18	CAPACITOR	DNP	25WVDC X7R	0603 Ceramic capacito
r	0111101101	2111	23,1120 11711	oots ceramic capacite
x1/x4/C19	CAPACITOR	2pF	25WVDC X7R	0603 Ceramic capacito
r	011111011011	251	23,1120 11,11	ovos deramie dapadre
x1/x4/R10	RESISTOR	3.00k	1% 0603	Resistor
X1/X4/R12	RESISTOR	3.00k	1% 0603	Resistor
X1/X4/U7	MAX4594DCKR	_	unknown SC70	SPST analog switch
X1/X4/C4	CAPACITOR	100pF	5% NPO Vitreous	
r	071171011011	TOOPI	30 W O VICECOUS	osos ceramic capacito
X1/X4/R2	RESISTOR	2.00k	1% 0603	Resistor
X1/X4/R9	RESISTOR	3.00k	1% 0603	Resistor
X1/X4/R8	RESISTOR	0	1% 0603	Resistor
X1/X4/C1	CAPACITOR	220pF	50WVDC 0805	Ceramic capacitor
X1/X3/C29	CAPACITOR	0.1uF	16WVDC X7R	0603 Ceramic capacito
r	CULUCTION	O. Lur	TOMADO VIV	ceramic capacito
x1/x3/C30	POLARIZED_CAPAC	TTOR	47uF 15WVDC	2711 Tantalum capacit
or	TOTALLA DED_CAFAC	<u> </u>	1701 10000	2,11 Idiicaldiii Capacit
X1/X3/C3	CAPACITOR	4.7uF	10WVDC X7R	1812 Ceramic capacito
r	0.11.1101.1011	1. / (1.1)	TOWADC 77/10	1012 CCIAMIC CAPACITO
X1/X3/R39	RESISTOR	15.0k	1% 1/10W	0603 Resistor
X1/X3/R40	RESISTOR	3.01k	1% 1/10W	0603 Resistor
X1/X3/C28	CAPACITOR	4.7uF	10WVDC X7R	1812 Ceramic capacito
r	CULUCTION	1. / UF	TOMADO WIL	1012 CELAMIC Capacito
X1/X3/C25	CAPACITOR	0.1uF	16WVDC X7R	0603 Ceramic capacito
r	CALACTION	o.rur	TOMADO VIV	ceramic capacitic
X1/X3/R33	RESISTOR	330	1% 1/10W	0603 Resistor
X1/X3/R20	RESISTOR	1	1/4W 1206	Resistor
X1/X3/C23	CAPACITOR	0.1uF	16WVDC X7R	0603 Ceramic capacito
r	-	<del>-</del>	- ·-	1 2 3 2 3 E 3 2 3 E
- -				Mada a da Andi 00 004

Apr 22, 15 11:47		Vide	o.bom.txt		Page 37/41
X1/X3/R26	RESISTOR	1.05k	1% 1/10W	0603	Resistor
X1/X3/R27	RESISTOR	4.42k	1% 1/10W	0603	Resistor
X1/X3/C24	CAPACITOR	7.5nF	16WVDC X7R	0603	Ceramic capacito
r	CALACITOR	7.5111	IOWVDC X/IC	0003	cciamic capacito
X1/X3/R28	RESISTOR	3.01k	1% 1/10W	0603	Resistor
X1/X3/R6	RESISTOR	1	1% 1/10W	0603	Resistor
X1/X3/C10	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r				_	
X1/X3/U10	DUAL_OPAMP	LM6142A	IM N/A	S08	generic dual ope
rational amplif X1/X3/C14	CAPACITOR	0.1uF	16WVDC X7R	0603	Commis somesite
X1/X3/C14   r	CAPACITOR	U.lur	TOWVDC A/R	0603	Ceramic capacito
X1/X3/R18	RESISTOR	5.11	1% 1/10W	0603	Resistor
X1/X3/C13	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r					_
X1/X3/R17	RESISTOR	5.11	1% 1/10W	0603	Resistor
X1/X3/C11	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r			4.		_
X1/X3/R16	RESISTOR	5.11	1% 1/10W	0603	Resistor
X1/X3/C5 r	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
X1/X3/R5	RESISTOR	5.11	1% 1/10W	0603	Resistor
X1/X3/C9	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r	CHILICITOR	0.141	1000000 21710	0005	ceramic capacites
X1/X3/R21	RESISTOR	330	1% 1/10W	0603	Resistor
X1/X3/C8	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r					
X1/X3/R22	RESISTOR	330	1% 1/10W	0603	Resistor
X1/X3/C7	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r **1 /**2 /P02	DEGEGEOR	220	10 1/10;;	0.602	<b>.</b>
X1/X3/R23	RESISTOR	330	1% 1/10W	0603	Resistor
X1/X3/R42	RESISTOR RESISTOR	4.32k 4.32k	1% 1/10W 1% 1/10W	0603 0603	Resistor
X1/X3/R1 X1/X3/Q2	MMBFJ309		unknown SOT23	n-channe	Resistor
X1/X3/Q2 X1/X3/C22	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r	CHILICITOR	0.141	IOWVDC 1710	0005	ceramic capacito
X1/X3/R13	RESISTOR	46.4	1% 1/10W	0603	Resistor
X1/X3/R41	RESISTOR	301k	1% 0603	Resisto	
X1/X3/U6	ADA4805-1AKSZ		unknown SC70-6	Fast opa	amp
X1/X3/U8	ADA4805-1AKSZ		unknown SC70-6	Fast opa	
X1/X3/U5	ADA4805-1AKSZ		unknown SC70-6	Fast opa	
X1/X3/U4	ADA4805-1AKSZ		unknown SC70-6	Fast op	
X1/X3/R24	RESISTOR	20	1% 1/10W	0603	Resistor
X1/X3/C16 r	CAPACITOR	1uF	10WVDC X7R	0805	Ceramic capacito
X1/X3/C4a	CAPACITOR	30pF	5% NPO Vitreous	0505	Ceramic capacito
r	CHILICITOR	30PI	30 NIO VICICOUD	0303	ceramic capacito
X1/X3/C2	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r					_
X1/X3/R11	RESISTOR	2.00k	1% 0603	Resisto	
X1/X3/U12	MAX4594DCKR		unknown SC70		alog switch
X1/X3/C17	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r v1/v2/p20	DFCTCT\\D	2 001-	1% 0603	Resisto	<b>1</b> 2
X1/X3/R38 X1/X3/U11	RESISTOR MAX4594DCKR	3.00k	1% 0603 unknown SC70		r alog switch
X1/X3/U11 X1/X3/C6	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
r	C111 11C 1 1 OIK	o.rur	TOMADO WIL	0000	ceramic capacito
X1/X3/U3	MAX4594DCKR	unknown	unknown SC70	SPST and	alog switch
X1/X3/R25	RESISTOR	1.00Meg		Resisto	
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\					57/00

Apr 22, 15 11:47		Vide	o.bom.tx	xt		Page 38/41
X1/X3/R19	RESISTOR	62	1% 1/10W	J	0805	Resistor
X1/X3/R15	RESISTOR	3.00k		0603	Resisto	
X1/X3/C12	CAPACITOR	0.1uF	16WVDC X		0603	Ceramic capacito
r	CALUCTION	U.IUF	TOWADC V	Z / IZ	0003	ceramic capacito
x1/x3/R4	RESISTOR	3.00k	1%	0603	Resisto	r
X1/X3/C20	CAPACITOR	1nF	50WVDC C		0603	Ceramic capacito
r	CAFACITOR	THE	JOWVDC C	.0G	0003	ceramic capacito
X1/X3/C21	CAPACITOR	1nF	50WVDC C	വേ	0603	Ceramic capacito
r	CALACITOR	1111r	JOW VDC C	.00	0003	cciamic capacito
X1/X3/R14	RESISTOR	46.4	1% 1/10W	J	0603	Resistor
X1/X3/U9	AD7984BRMZ		unknown		ADC	REBIBEOI
X1/X3/R7	RESISTOR	DNP	1% 1/10W		0603	Resistor
X1/X3/C18	CAPACITOR	DNP	25WVDC X		0603	Ceramic capacito
r	CAFACITOR	DIVE	ZJWVDC X	2710	0003	ceramic capacito
X1/X3/C19	CAPACITOR	2pF	25WVDC X	77P	0603	Ceramic capacito
r	CAFACITOR	ZPr	ZJWVDC X	2710	0003	ceramic capacito
X1/X3/R10	RESISTOR	3.00k	1%	0603	Resisto	r
X1/X3/R10 X1/X3/R12	RESISTOR	3.00k		0603	Resisto	
X1/X3/K12 X1/X3/U7	MAX4594DCKR		unknown			alog switch
X1/X3/C4	CAPACITOR	100pF	5% NP0 V		0505	Ceramic capacito
	CAPACITOR	TOOPE	3% NPU V	ritieous	0303	Ceramic Capacito
r   X1/X3/R2	RESISTOR	2.00k	1%	0603	Resisto	r
X1/X3/R2 X1/X3/R9	RESISTOR	3.00k		0603	Resisto	
X1/X3/R8	RESISTOR	0 220 H		0603	Resistor	
X1/X3/C1	CAPACITOR	220pF		0805		capacitor
X1/X2/C29	CAPACITOR	0.1uF	16WVDC X	K/R	0603	Ceramic capacito
r x1 /x2 /320		TEROP	47	1 5 5 7 7 7 7	0711	Marata Jama aras arit
X1/X2/C30	POLARIZED_CAPAC	TTOR	47uF	15WVDC	2711	Tantalum capacit
or v1/v2/d2		4.7uF	10WVDC X	77D	1010	Comemia comesite
X1/X2/C3	CAPACITOR	4./ur	TOWADC Y	L/R	1812	Ceramic capacito
r v1/v2/p20	RESISTOR	15.0k	1% 1/10W	т	0603	Resistor
X1/X2/R39		3.01k	1% 1/10W		0603	Resistor
X1/X2/R40	RESISTOR		•			
X1/X2/C28	CAPACITOR	4.7uF	10WVDC X	L/R	1812	Ceramic capacito
r X1/X2/C25	CAPACITOR	0.1uF	16WVDC X	77D	0603	Ceramic capacito
	CAPACITOR	U.lur	TOWADC Y	L/K	0003	Ceramic Capacito
r v1/v2/p22	DECTOROD	330	10 1/10m	т	0603	Resistor
X1/X2/R33	RESISTOR	_	1% 1/10W			
X1/X2/R20	RESISTOR	1 0.1uF	•	1206	Resistor	
X1/X2/C23	CAPACITOR	U.IUF	16WVDC X	Z / K	0603	Ceramic capacito
r   X1/X2/R26	₽₽₽₹₽₩∩₽	1.05k	1% 1/10W	ī	0603	Resistor
	RESISTOR	1.05k 4.42k	1% 1/10W		0603	Resistor
X1/X2/R27 X1/X2/C24	RESISTOR	4.42K 7.5nF	16 T/IOW			
X1/X2/C24   r	CAPACITOR	/.SIT	TOMADC X	Z/K	0603	Ceramic capacito
x1/x2/R28	DFCTCT^D	3.01k	1% 1/10W	т	0603	Resistor
	RESISTOR	3.01K 1	1% 1/10W		0603	Resistor
X1/X2/R6 X1/X2/C10	RESISTOR CAPACITOR	0.1uF	16 T/IOW		0603	Ceramic capacito
r	CAPACTIUK	U.IUF	TOMADC Y	Z / IX	0003	Ceramic Capacito
X1/X2/U10	DUAL_OPAMP	LM6142A	TM	N/A	S08	generic dual ope
rational amplif		LINO L 4 ZA	T 1,1	TA / 127	500	generic duar ope
X1/X2/C14	CAPACITOR	0.1uF	16WVDC X	77p	0603	Ceramic capacito
x1/x2/C14 r	CALUCTION	O.IUF	TOMADC V	Z / 1Z	0003	Ceramic Capacito
X1/X2/R18	RESISTOR	5.11	1% 1/10W	J	0603	Resistor
X1/X2/K16 X1/X2/C13	CAPACITOR	0.1uF	16WVDC X		0603	Ceramic capacito
r	CALUCTION	O.IUF	TOMADC V	Z / 1Z	0003	Ceramic Capacito
X1/X2/R17	RESISTOR	5.11	1% 1/10W	J	0603	Resistor
X1/X2/R1/ X1/X2/C11	CAPACITOR	0.1uF	16WVDC X		0603	Ceramic capacito
r	CAPACLIUK	U.IUF	TOMADC Y	Z / IX	0003	CETAMITO CAPACITO
TO/00						

Apr 22, 15 11:47		Vide	o.bom.txt		Page 39/41
X1/X2/R16	RESISTOR	5.11	1% 1/10W	0603	Resistor
X1/X2/C5	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
X1/X2/R5	RESISTOR	5.11	1% 1/10W	0603	Resistor
X1/X2/C9 r	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
X1/X2/R21	RESISTOR	330	1% 1/10W	0603	Resistor
X1/X2/C8 r	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
X1/X2/R22	RESISTOR	330	1% 1/10W	0603	Resistor
X1/X2/C7   r	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
X1/X2/R23	RESISTOR	330	1% 1/10W	0603	Resistor
X1/X2/R42	RESISTOR	4.32k	1% 1/10W	0603	Resistor
X1/X2/R1	RESISTOR	4.32k	1% 1/10W	0603	Resistor
X1/X2/Q2	MMBFJ309		unknown SOT23	n-chann	
X1/X2/C22 r	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
X1/X2/R13	RESISTOR	46.4	1% 1/10W	0603	Resistor
X1/X2/R41	RESISTOR	301k	1% 0603	Resisto	
X1/X2/U6	ADA4805-1AKSZ		unknown SC70-6	Fast op	
X1/X2/U8	ADA4805-1AKSZ		unknown SC70-6	Fast op	
X1/X2/U5	ADA4805-1AKSZ		unknown SC70-6	Fast op	
X1/X2/U4	ADA4805-1AKSZ		unknown SC70-6 1% 1/10W	Fast op	amp Resistor
X1/X2/R24	RESISTOR	20			
X1/X2/C16 r	CAPACITOR	1uF	10WVDC X7R	0805	Ceramic capacito
X1/X2/C4a r	CAPACITOR	30pF	5% NPO Vitreous		Ceramic capacito
X1/X2/C2 r	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
X1/X2/R11	RESISTOR	2.00k	1% 0603	Resisto	
X1/X2/U12	MAX4594DCKR		unknown SC70		alog switch
X1/X2/C17 r	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
X1/X2/R38	RESISTOR	3.00k	1% 0603	Resisto	
X1/X2/U11	MAX4594DCKR		unknown SC70		alog switch
X1/X2/C6 r	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
X1/X2/U3	MAX4594DCKR		unknown SC70		alog switch
X1/X2/R25	RESISTOR	1.00Meg		Resisto	
X1/X2/R19	RESISTOR	62	1% 1/10W	0805	Resistor
X1/X2/R15	RESISTOR	3.00k	1% 0603	Resisto	
X1/X2/C12 r	CAPACITOR	0.1uF	16WVDC X7R	0603	Ceramic capacito
X1/X2/R4	RESISTOR	3.00k	1% 0603	Resisto	
X1/X2/C20 r	CAPACITOR	lnF	50WVDC COG	0603	Ceramic capacito
X1/X2/C21 r	CAPACITOR	1nF	50WVDC COG	0603	Ceramic capacito
x1/x2/R14	RESISTOR	46.4	1% 1/10W	0603	Resistor
X1/X2/U9	AD7984BRMZ		unknown MSOP10	ADC	-
X1/X2/R7	RESISTOR	DNP	1% 1/10W	0603	Resistor
X1/X2/C18	CAPACITOR	DNP	25WVDC X7R	0603	Ceramic capacito
X1/X2/C19 r	CAPACITOR	2pF	25WVDC X7R	0603	Ceramic capacito
X1/X2/R10	RESISTOR	3.00k	1% 0603	Resisto	r
X1/X2/R12	RESISTOR	3.00k	1% 0603	Resisto	
Markarakan Markani					

Apr 22, 15 11:47		Vide	o.bom.t	txt		Page 40/41
X1/X2/U7	MAX4594DCKR	unknown	unknown	SC70	SPST and	alog switch
X1/X2/C4 r	CAPACITOR	100pF				Ceramic capacito
X1/X2/R2	RESISTOR	2.00k	1%	0603	Resisto	r
X1/X2/R9	RESISTOR	3.00k	1%	0603	Resisto	
X1/X2/R8	RESISTOR	0	1%	0603	Resisto	
X1/X2/C1	CAPACITOR	220pF	50WVDC			capacitor
X1/X1/C29	CAPACITOR	0.1uF	16WVDC		0603	Ceramic capacito
r	0111101101	0.141	1011120	11,10	0005	ceramic capacite
x1/x1/C30 or	POLARIZED_CAPAC	ITOR	47uF	15WVDC	2711	Tantalum capacit
X1/X1/C3 r	CAPACITOR	4.7uF	10WVDC	X7R	1812	Ceramic capacito
X1/X1/R39	RESISTOR	15.0k	1% 1/10	W	0603	Resistor
X1/X1/R40	RESISTOR	3.01k	1% 1/10		0603	Resistor
X1/X1/C28	CAPACITOR	4.7uF	10WVDC		1812	Ceramic capacito
r	CHILICITOR	1.741	101112	21 / 10	1012	ceramic capacito
x1/x1/C25	CAPACITOR	0.1uF	16WVDC	X7R	0603	Ceramic capacito
X1/X1/R33	RESISTOR	330	1% 1/10	W	0603	Resistor
X1/X1/R20	RESISTOR	1	1/4W	 1206	Resisto	
X1/X1/C23	CAPACITOR	0.1uF	16WVDC	X7R	0603	Ceramic capacito
X1/X1/R26	RESISTOR	1.05k	1% 1/10	W	0603	Resistor
X1/X1/R27	RESISTOR	4.42k	1% 1/10		0603	Resistor
X1/X1/C24	CAPACITOR	7.5nF	16WVDC		0603	Ceramic capacito
X1/X1/R28	RESISTOR	3.01k	1% 1/10	W	0603	Resistor
X1/X1/R6	RESISTOR	1	1% 1/10		0603	Resistor
X1/X1/C10	CAPACITOR	0.1uF	16WVDC		0603	Ceramic capacito
r						
X1/X1/U10	DUAL_OPAMP	LM6142A	IM	N/A	S08	generic dual ope
rational amplif						
X1/X1/C14 r	CAPACITOR	0.1uF	16WVDC		0603	Ceramic capacito
X1/X1/R18	RESISTOR	5.11	1% 1/10		0603	Resistor
X1/X1/C13 r	CAPACITOR	0.1uF	16WVDC	X7R	0603	Ceramic capacito
X1/X1/R17	RESISTOR	5.11	1% 1/10	W	0603	Resistor
X1/X1/C11 r	CAPACITOR	0.1uF	16WVDC	X7R	0603	Ceramic capacito
x1/x1/R16	RESISTOR	5.11	1% 1/10	W	0603	Resistor
X1/X1/C5	CAPACITOR	0.1uF	16WVDC		0603	Ceramic capacito
r			40		0.555	_
X1/X1/R5	RESISTOR	5.11	1% 1/10		0603	Resistor
X1/X1/C9  r	CAPACITOR	0.1uF	16WVDC	X7R	0603	Ceramic capacito
X1/X1/R21	RESISTOR	330	1% 1/10	W	0603	Resistor
X1/X1/C8 r	CAPACITOR	0.1uF	16WVDC	X7R	0603	Ceramic capacito
X1/X1/R22	RESISTOR	330	1% 1/10	W	0603	Resistor
X1/X1/C7 r	CAPACITOR	0.1uF	16WVDC		0603	Ceramic capacito
X1/X1/R23	RESISTOR	330	1% 1/10	W	0603	Resistor
X1/X1/R42	RESISTOR	4.32k	1% 1/10		0603	Resistor
X1/X1/R1 X1/X1/R1	RESISTOR	4.32k	1% 1/10		0603	Resistor
X1/X1/K1 X1/X1/Q2	MMBFJ309		unknown		n-channe	
X1/X1/Q2 X1/X1/C22	CAPACITOR	0.1uF	16WVDC		0603	Ceramic capacito
r	CALACTION	J. Tur	TOWADC	22 / IV	0003	ccramic capacito
_						

Apr 22, 15 11:47		Vide	o.bom.txt	Page 41/41
X1/X1/R13 X1/X1/R41 X1/X1/U6	RESISTOR RESISTOR ADA4805-1AKSZ	46.4 301k	1% 1/10W 1% 0603 unknown SC70-6	0603 Resistor Resistor Fast opamp
X1/X1/U8 X1/X1/U5	ADA4805-1AKSZ ADA4805-1AKSZ ADA4805-1AKSZ	unknown	unknown SC70-6 unknown SC70-6	Fast opamp Fast opamp
X1/X1/U4 X1/X1/R24	ADA4805-1AKSZ RESISTOR		unknown SC70-6 1% 1/10W	Fast opamp 0603 Resistor
X1/X1/C16 r	CAPACITOR	1uF	10WVDC X7R	0805 Ceramic capacito
X1/X1/C4a r	CAPACITOR	30pF	5% NPO Vitreous	0505 Ceramic capacito
X1/X1/C2 r	CAPACITOR	0.1uF	16WVDC X7R	0603 Ceramic capacito
X1/X1/R11 X1/X1/U12 X1/X1/C17	RESISTOR MAX4594DCKR CAPACITOR	2.00k unknown 0.1uF	1% 0603 unknown SC70 16WVDC X7R	Resistor SPST analog switch 0603 Ceramic capacito
r X1/X1/R38 X1/X1/U11	RESISTOR MAX4594DCKR		1% 0603 unknown SC70	Resistor SPST analog switch
X1/X1/C6 r	CAPACITOR	0.1uF	16WVDC X7R	0603 Ceramic capacito
X1/X1/U3 X1/X1/R25 X1/X1/R19	MAX4594DCKR RESISTOR RESISTOR	1.00Meg 62	unknown SC70 1% 0603 1% 1/10W	SPST analog switch Resistor 0805 Resistor
X1/X1/R15 X1/X1/C12	RESISTOR CAPACITOR	3.00k 0.1uF	1% 0603 16WVDC X7R	Resistor 0603 Ceramic capacito
X1/X1/R4 X1/X1/C20 r	RESISTOR CAPACITOR	3.00k 1nF	1% 0603 50WVDC COG	Resistor 0603 Ceramic capacito
X1/X1/C21 r	CAPACITOR	1nF	50WVDC COG	0603 Ceramic capacito
X1/X1/R14 X1/X1/U9	RESISTOR AD7984BRMZ		1% 1/10W unknown MSOP10	0603 Resistor
X1/X1/R7   X1/X1/C18   r	RESISTOR CAPACITOR	DNP DNP	1% 1/10W 25WVDC X7R	0603 Resistor 0603 Ceramic capacito
X1/X1/C19 r	CAPACITOR	2pF	25WVDC X7R	0603 Ceramic capacito
X1/X1/R10 X1/X1/R12 X1/X1/U7 X1/X1/C4	RESISTOR RESISTOR MAX4594DCKR CAPACITOR	3.00k 3.00k unknown 100pF	1% 0603 1% 0603 unknown SC70 5% NP0 Vitreous	Resistor Resistor SPST analog switch 0505 Ceramic capacito
r X1/X1/R2 X1/X1/R9 X1/X1/R8	RESISTOR RESISTOR RESISTOR	2.00k 3.00k 0	1% 0603 1% 0603 1% 0603	Resistor Resistor Resistor
X1/X1/C1	CAPACITOR	220pF	50WVDC 0805	Ceramic capacitor

Apr 22, 15 11:47	Table of Content	Page 1/1
Table of Contents		
1 Chain.1.ps shee	cs 1 to 1 ( 1) pages 1- 1 1 1	ines
2 Chain.2.ps shee	ts 1 to 2 (2) pages 1-2 1 l	ines
3 DrainRegulator.ps shee	ts 2 to 3 (2) pages 2-3 1 l	ines
4 PerChip.1.ps shee	ts 3 to 4 (2) pages 3-4 1 l	ines
5 PerChip.2.ps shee	ts 4 to 5 (2) pages 4-5 1 l	ines
6 PerChip.3.ps shee	cs 5 to 6 (2) pages 5-6 1 1	ines
7 PerChip.4.ps shee	s 6 to 7 (2) pages 6-7 1 l	ines
8 PerChip.5.ps shee	ts 7 to 8 (2) pages 7-8 1 1	ines
9 PerChip.6.ps shee	ts 8 to 9 (2) pages 8-9 1 l	ines
10 PerChip.7.ps shee	ts 9 to 10 (2) pages 9-10 1 l	ines
11 PerChip.8.ps shee	ts 10 to 11 ( 2) pages 10-11 1 1	ines.
12 Pump.ps shee	ts $11$ to $12$ ( $2$ ) pages $11$ - $12$ $1$ $1$	ines.
13 Video.1.ps shee	ts 12 to 13 ( 2) pages 12-13 1 l	ines.
14 Video.2.ps shee	ts 13 to 14 ( 2) pages 13-14	ines
15 <i>Video.3.ps</i> shee	is $14$ to $15$ ( $2$ ) pages $14-15$ $1$ $1$	ines.
16 Video.4.ps shee	ts 15 to 16 (2) pages 15-16 1 l	ines.
17 <i>Video.5.ps</i> shee	ts $16$ to $17$ ( $2$ ) pages $16-17$ $1$ $1$	ines.
18 <i>Video.6.ps</i> shee	ts 17 to 18 ( 2) pages 17-18	ines
19 <i>Video.7.ps</i> shee		ines
20 Video.8.ps shee	ts 19 to 20 (2) pages 19-20 1 l	ines
21 Video.bom.txt shee	cs 21 to 61 (41) pages 21- 61 1901 l	ines