

PCB Parts List

Product: VECTOR BAR 20 SENSOR PCB
Drawing No: AG2671.D

REV: 02



Date: 11/20/2002

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Qty.	RD Part Number	Description	Manuf. 1	Manuf. 1 Part No	Manuf. 2	Manuf. 2 Part No	Position(s)
1	30/Y5V4U780-20%16V	4u7 +80-20% 16V Y5V 1206	ANY	As Appropriate			C1
1	30/NPO8N25%50V10	8n2 5% 50V NPO 1210	ANY	As Appropriate			C2
1	30/NPO12N5%50V1812	12nF 5% 50V NPO 1812	ANY	As Appropriate			C3
4	30/X7R10N10%25V08	10nF 10% 25V X7R 0805	ANY	As Appropriate			C4, C5, C11, C12
1	30/X7R100N10%16V08	100nF 10% 16V X7R 0805					C6
10	30/Z5U100N8-2%50V08	100nF +80-20% 50V Z5U 0805	ANY	As Appropriate			C7, C8, C9, C10, C15, C16, C17, C18, C19, C20
2	30/X7R33N10%25V08	33nF 10% 25V X7R 0805	ANY	As Appropriate			C13, C14
1	26/MA3-34882	Flux Gate	P.M.E.S.	MA3-34882			FG1
1	33/OP279GS	Dual R-R Hi O/P Current Op-Amp	AD	OP279GS			IC1
1	33/OP484FS	OP484 QUAD OP-AMP	AD	OP484FS			IC2
1	33/HCF4053BM1	HCF4053B MUX/DEMUX	STM	HCF4053BM1			IC3
2	26/SIMID04-2U2	2u2 10% SM INDUCTOR (1008)	SEIMENS	B82494-A1222-K			L1, L2
4	31/CT-1k0-1%-08	1k0 1% 100PPM 0805 TILE RESISTOR	Any	As Appropriate			R1, R2, R6, R7
1	31/CT-1R5-5%-08	1R5 5% 200PPM 0805 TILE RESISTOR	ANY	As Appropriate			R3
6	31/CT-47k-1%-08	47k 1% 100PPM 0805 TILE RESISTOR	Any	As Appropriate			R4, R5, R16, R17, R20, R21
2	31/CT-18k-1%-08	18k 1% 100PPM 0805 TILE RESISTOR	Any	As Appropriate			R8, R9
4	31/CT-10k-1%-08	10k 1% 100PPM 0805 TILE RESISTOR	Any	As Appropriate			R10, R11, R12, R13
2	31/CT-1k6-1%-08	1k6 1% 100PPM 0805 TILE RESISTOR	Any	As Appropriate			R14, R15
1	31/CT-200R-1%-08	200R 1% 100PPM 0805 TILE RESISTOR	Any	As Appropriate			R18
1	31/CT-160R-1%-08	160R 1% 100PPM 0805 TILE RESISTOR	Any	As Appropriate			R19
	MISCELLANEOUS COMPONENTS						
1	08/AG2671	Iss02					PCB
A/R	12/RS399-978	HEATSHRINK SLEEVE(CLEAR)					FIT TO FG1
6	04/4226	GROMMET	P&R GROMMETS Ltd				FIT TO CUT-OUTS AT BOARD EDGE
2	26/FSN22A-5	5 WAY FLEXISTRIP	TYCO				FITTED IN PL2 POSN. FOR VARIANT 1
	NON FITTED TEST POINTS						
22							TP1-TP22
	VARIANTS						

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	V0 - With Tilt Sensor						
5	30/X7R100N10%16V08	100nF 10% 16V X7R 0805					C21, C22, C23, C24, C25
1	33/SCA610-CB1H1G	+/- 1.0g ACCELEROMETER	VTI HAMLIN	SCA610-CB1H1G			IC4
1	25/90130-1210	C-Grid III Shrouded Header 2X5 Vert	MOLEX	90130-1210			PL2
	V1 - Without Tilt Sensor						
7	O/C	NOT_FITTED					C21, C22, C23, C24, C25, IC4, PL2
	NOTES:						
	ASSEMBLY & SOLDERING TO MEET REQUIREMENTS OF IPC-A-610 CLASS 3						
	*** FOR FITTING OF HEATSHRINK TO FG1 SEE DRG. AG1882.FB1 ***						

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