

701 Brooks Ave. South, P.O. Box 677, Thief River Falls, MN 56701-0677 USA

RICH LOBDILL LAS CUMBRES OBSERVATORY 6740 CORTONA DR STE 102 GOLETA, CA 931170000 UNITED STATES **CUSTOMER 3819348**

Date 6/11/2009	Due Date		Customer Reference ASP BOM REV A	
,	Customer Fax		Customer Phone 805-880-1621	
	With Questions Co	ontact	Extension	
OUOTE CTRL DESK				



- Please note the terms and conditions of sale listed at the end of this quotation
- All delivery dates quoted are estimated.
- Confirmed delivery dates may be obtained after receipt of order.
- Digi-Key Confidential: Do Not Distribute or Forward

•All prices quoted are in U.S. \$ currency.
◆To receive the pricing listed on this quote, you must refer to quote 4537673 when placing an order.

IDX	*Part Code	Item Number	Description	Quantity	Unit Price U.S. \$	Extended Price U.S. \$	Minimum Order	Package Quantity
1	DK MFG REF STK LT	CT2198MST-ND 219-8MST SW1 IN STOCK EST WKS 9 SCHED B: 853650 ECCN: EAR99 PRICING VALID THRU: 7/11/2009 LEAD: LEAD FREE ROHS: ROHS COMPLIANT	SWITCH TAPE SEAL 8 POS SMD CTS ELECTROCOMPONENTS	5	0.95000	4.75	1	25
2	DK MFG REF STK LT	478-1328-1-ND 08055A102JAT2A C27 IN STOCK EST WKS 6 SCHED B: 853224 ECCN: EAR99 PRICING VALID THRU: 7/11/2009 LEAD: LEAD FREE ROHS: ROHS COMPLIANT	CAP CERM 1000PF 5% 50V NPO 0805 AVX CORPORATION (VA)	10	0.13200	1.32	10	10
3	DK MFG REF STK LT	478-1318-1-ND 08055A151JAT2A C1A, C1B, C1C, C1D, C8A, C8B, C8C, C8D IN STOCK EST WKS 6 SCHED B: 853224 ECCN: EAR99 PRICING VALID THRU: 7/11/2009 LEAD: LEAD FREE ROHS: ROHS COMPLIANT	CAP CERM 150PF 5% 50V NPO 0805 AVX CORPORATION (VA)	40	0.11000	4.40	10	10
4	DK MFG REF STK LT	478-1321-1-ND 08055A271JAT2A C49A, C49B, C49C, C49D IN STOCK EST WKS 4 SCHED B: 853224 ECCN: EAR99 PRICING VALID THRU: 7/11/2009 LEAD: LEAD FREE ROHS: ROHS COMPLIANT	CAP CERM 270FF 5% 50V NPO 0805 AVX CORPORATION (VA)	20	0.22000	4.40	10	10

IDX	*Part Code	Item Number	Description	Quantity	Unit Price U.S. \$	Extended Price U.S. \$	Minimum Order	Package Quantity
5	DK MFG REF STK LT	478-1395-1-ND 08055C104KAT2A C2, C3A, C3B, C3C, C3D, C4A, C4B, C IN STOCK EST WKS 5 SCHED B: 853224 ECCN: EAR99 PRICING VALID THRU: 7/11/2009 LEAD: LEAD FREE ROHS: ROHS COMPLIANT	CAP CERM .1UF 10% 50V X7R 0805 AVX CORPORATION (VA)	390	0.05200	20.28	100	10
6	DK MFG REF STK LT	609-3212-ND 67996-210HLF P3 IN STOCK EST WKS 3 SCHED B: 853669 ECCN: EAR99 PRICING VALID THRU: 7/11/2009 LEAD: LEAD FREE ROHS: ROHS COMPLIANT	CONN HEADER 10POS .100 STR 15AU FCI	5	0.81000	4.05	1	1000
7	DK MFG REF STK LT	609-3214-ND 67996-220HLF P1 IN STOCK EST WKS 3 SCHED B: 853669 ECCN: EAR99 PRICING VALID THRU: 7/11/2009 LEAD: LEAD FREE ROHS: ROHS COMPLIANT	CONN HEADER 20POS .100 STR 15AU FCI	5	0.98000	4.90	1	300
8	DK MFG REF STK LT	609-3298-ND 68002-204HLF p2 IN STOCK EST WKS 4 SCHED B: 853669 ECCN: EAR99 PRICING VALID THRU: 7/11/2009 LEAD: LEAD FREE ROHS: ROHS COMPLIANT	CONN HEADER 4POS .100 STR 15AU FCI	5	0.32000	1.60	1	2000
9	DK MFG REF STK LT	732-1623-1-ND 74279218 L5 IN STOCK EST WKS 4 SCHED B: 850490 ECCN: EAR99 PRICING VALID THRU: 7/11/2009 LEAD: LEAD FREE ROHS: ROHS COMPLIANT	FERRITE BEAD 600 OHM 2.0A 1206 WURTH ELECTRONICS INC (VA)	5	0.28000	1.40	1	1
10	DK MFG REF STK LT	BAS70DW-04-FDICT-ND BAS70DW-04-7-F U12A, U12B, U12C, U12D IN STOCK EST WKS 10 SCHED B: 854110 ECCN: EAR99 PRICING VALID THRU: 7/11/2009 LEAD: LEAD FREE ROHS: ROHS COMPLIANT	DIODE SCHOTTKY ARRAY 70V SOT363 DIODES INC (VA)	20	0.49200	9.84	10	1

	*Part	Married Community			Unit Price	Extended		Package
IDX	Code	Item Number	Description	Quantity	U.S. \$	Price U.S. \$	Minimum Order	Quantity
11	DK MFG REF STK LT	445-2707-1-ND C4532C0G1H104J C6A, C6B, C6C, C6D IN STOCK EST WKS 5 SCHED B: 853224 ECCN: EAR99 PRICING VALID THRU: 7/11/2009 LEAD: LEAD FREE ROHS: ROHS COMPLIANT	CAP CER 0.1UF 50V COG 5% 1812 TDK CORPORATION (VA)	20	4.12500	82.50	10	10
12	DK MFG REF STK LT	541-1.00KCCT-ND CRCW08051K00FKEA R15A, R15B, R15C, R15D, R17A, R17B, IN STOCK EST WKS 9 SCHED B: 853321 ECCN: EAR99 PRICING VALID THRU: 7/11/2009 LEAD: LEAD FREE ROHS: ROHS COMPLIANT	RES 1.00K OHM 1/8W 1% 0805 SMD VISHAY/DALE (VA)	70	0.04820	3.37	50	10
13	DK MFG REF STK LT	541-2.61kCCT-ND CRCW08052k61FkEA R22 IN STOCK EST WKS 10 SCHED B: 853321 ECCN: EAR99 PRICING VALID THRU: 7/11/2009 LEAD: LEAD FREE ROHS: ROHS COMPLIANT	RES 2.61K OHM 1/8W 1% 0805 SMD VISHAY/DALE (VA)	10	0.08900	0.89	10	10
14	DK MFG REF STK LT	541-3.32KCCT-ND CRCW08053K32FKEA R12A, R12B, R12C, R12D IN STOCK EST WKS 10 SCHED B: 85321 ECCN: EAR99 PRICING VALID THRU: 7/11/2009 LEAD: LEAD FREE ROHS: ROHS COMPLIANT	RES 3.32K OHM 1/8W 1% 0805 SMD VISHAY/DALE (VA)	20	0.08900	1.78	10	10
15	DK MFG REF STK LT	541-10.0KCCT-ND CRCW080510K0FKEA R13A, R13B, R13C, R13D IN STOCK EST WKS 10 SCHED B: 853321 ECCN: EAR99 PRICINC VALID THRU: 7/11/2009 LEAD: LEAD FREE ROHS: ROHS COMPLIANT	RES 10.0K OHM 1/8W 1% 0805 SMD VISHAY/DALE (VA)	20	0.08900	1.78	10	10
16	DK MFG REF STK LT	541-20.0KCCT-ND CRCW080520KOFKEA R11A, R11B, R11C, R11D IN STOCK EST WKS 9 SCHED B: 853321 ECCN: EAR99 PRICING VALID THRU: 7/11/2009 LEAD: LEAD FREE ROHS: ROHS COMPLIANT	RES 20.0K OHM 1/8W 1% 0805 SMD VISHAY/DALE (VA)	20	0.08900	1.78	10	10

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17	DK MFG REF STK LT	541-26.7KCCT-ND CRCW080526K7FKEA R14A, R14B, R14C, R14D IN STOCK EST WKS 10 SCHED B: 853321 ECCN: EAR99 PRICINC VALID THRU: 7/11/2009 LEAD: LEAD FREE ROHS: ROHS COMPLIANT	RES 26.7K OHM 1/8W 1% 0805 SMD VISHAY/DALE (VA)	20	0.08900	1.78	10	10
18	DK MFG REF STK LT	541-39.2KCCT-ND CRCW080539K2FKEA R7A, R7B, R7C, R7D IN STOCK EST WKS 10 SCHED B: 853321 ECCN: EAR99 PRICING VALID THRU: 7/11/2009 LEAD: LEAD FREE ROHS: ROHS COMPLIANT	RES 39.2K OHM 1/8W 1% 0805 SMD VISHAY/DALE (VA)	20	0.08900	1.78	10	10
19	DK MFG REF STK LT	541-49.9KCCT-ND CRCW080549K9FKEA R9A, R9B, R9C, R9D IN STOCK EST WKS 9 SCHED B: 853321 ECCN: EAR99 PRICING VALID THRU: 7/11/2009 LEAD: LEAD FREE ROHS: ROHS COMPLIANT	RES 49.9K OHM 1/8W 1% 0805 SMD VISHAY/DALE (VA)	20	0.08900	1.78	10	10
20	DK MFG REF STK LT	541-100KCCT-ND CRCW0805100KFKEA R10A, R10B, R10C, R10D IN STOCK EST WKS 9 SCHED B: 853321 ECCN: EAR99 PRICING VALID THRU: 7/11/2009 LEAD: LEAD FREE ROHS: ROHS COMPLIANT	RES 100K OHM 1/8W 1% 0805 SMD VISHAY/DALE (VA)	20	0.08900	1.78	10	10
21	DK MFG REF STK LT	541-100CCT-ND CRCW0805100RFKEA R16A, R16B, R16C, R16D, R21 IN STOCK EST WKS 10 SCHED B: 853321 ECCN: EAR99 PRICING VALID THRU: 7/11/2009 LEAD: LEAD FREE ROHS: ROHS COMPLIANT	RES 100 OHM 1/8W 1% 0805 SMD VISHAY/DALE (VA)	30	0.08900	2.67	10	10
22	DK MFG REF STK LT	541-150CCT-ND CRCW0805150RFKEA R27 IN STOCK EST WKS 9 SCHED B: 853321 ECCN: EAR99 PRICING VALID THRU: 7/11/2009 LEAD: LEAD FREE ROHS: ROHS COMPLIANT	RES 150 OHM 1/8W 1% 0805 SMD VISHAY/DALE (VA)	10	0.08900	0.89	10	10

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23	DK MFG REF STK LT	541-200CCT-ND CRCW0805200RFKEA R3A, R3B, R3C, R3D, R4A, R4B, R4C, IN STOCK EST WKS 10 SCHED B: 853321 ECCN: EAR99 PRICING VALID THRU: 7/11/2009 LEAD: LEAD FREE ROHS: ROHS COMPLIANT	RES 200 OHM 1/8W 1% 0805 SMD VISHAY/DALE (VA)	40	0.08900	3.56	10	10
24	DK MFG REF STK LT	541-249CCT-ND CRCW0805249RFKEA R18A, R18B, R18C, R18D, R19A, R19B, IN STOCK EST WKS 10 SCHED B: 853321 ECCN: EAR99 PRICING VALID THRU: 7/11/2009 LEAD: LEAD FREE ROHS: ROHS COMPLIANT	RES 249 OHM 1/8W 1% 0805 SMD VISHAY/DALE (VA)	40	0.08900	3.56	10	10
25	DK MFG REF STK LT	541-301CCT-ND CRCW0805301RFKEA R24, R26 IN STOCK EST WKS 10 SCHED B: 853321 ECCN: EAR99 PRICING VALID THRU: 7/11/2009 LEAD: LEAD FREE ROHS: ROHS COMPLIANT	RES 301 OHM 1/8W 1% 0805 SMD VISHAY/DALE (VA)	10	0.08900	0.89	10	10
26	DK MFG REF STK LT	541-499KCCT-ND CRCW0805499KFKEA R6A, R6B, R6C, R6D IN STOCK EST WKS 10 SCHED B: 853321 ECCN: EAR99 PRICING VALID THRU: 7/11/2009 LEAD: LEAD FREE ROHS: ROHS COMPLIANT	RES 499K OHM 1/8W 1% 0805 SMD VISHAY/DALE (VA)	20	0.08900	1.78	10	10
27	DK MFG REF STK LT	DG213DY-T1-E3CT-ND DG213DY-T1-E3 U3A, U3B, U3C, U3D IN STOCK EST WKS 6 SCHED B: 854239 ECCN: EAR99 PRICING VALID THRU: 7/11/2009 LEAD: LEAD FREE ROHS: ROHS COMPLIANT	IC QUAD SPDT ANLG SWITCH 16-SOIC VISHAY/SILICONIX (VA)	20	2.73000	54.60	1	1
28	DK MFG REF STK LT	DS2411R+CT-ND DS2411R+T&R U15 IN STOCK EST WKS 4 SCHED B: 854239 ECCN: EAR99 PRICING VALID THRU: 7/11/2009 LEAD: LEAD FREE ROHS: ROHS COMPLIANT	IC SILICON SERIAL NUMBER SOT-23 DALLAS SEMICONDUCTOR (VA)	5	1.25000	6.25	1	1

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29	DK MFG REF STK LT	544-1300-ND EPM570T144C3 U14 IN STOCK EST WKS 4 SCHED B: 854239 ECCN: 3A001A7C PRICING VALID THRU: 7/11/2009 LEAD: ROHS:	IC MAX II CPLD 570 LE 144-TQFP ALTERA	guarany 5	39.71000	198.55	1	180
30	DK MFG REF STK LT	Y9103CT-ND EXB-38V103JV RN1 IN STOCK EST WKS 4 SCHED B: 853321 ECCN: EAR99 PRICING VALID THRU: 7/11/2009 LEAD: LEAD FREE ROHS: ROHS COMPLIANT	RES ARRAY 10K OHM 5% 4 RES SMD PANASONIC - ECG (VA)	10	0.03100	0.31	10	10
31	DK MFG REF STK LT	493-2325-1-ND F911V685MCC C10A, C10B, C10C, C10D, C59 IN STOCK EST WKS 15 SCHED B: 853221 ECCN: EAR99 PRICING VALID THRU: 7/11/2009 LEAD: LEAD FREE ROHS: ROHS COMPLIANT	CAP TANTALUM 6.8UF 35V 20% SMD NICHICON (VA)	25	1.26900	31.73	10	1
32	DK MFG REF STK LT	FDV304PCT-ND FDV304P Q1 IN STOCK EST WKS 3 SCHED B: 854121 ECCN: EAR99 PRICING VALID THRU: 7/11/2009 LEAD: LEAD FREE ROHS: ROHS COMPLIANT	MOSFET P-CH 25V 460MA SOT-23 FAIRCHILD SEMICONDUCTOR (VA)	5	0.46000	2.30	1	1
33	DK MFG REF STK LT	FIN1002M5XCT-ND FIN1002M5X U10 IN STOCK EST WKS 4 SCHED B: 854239 ECCN: EAR99 PRICING VALID THRU: 7/11/2009 LEAD: LEAD FREE ROHS: ROHS COMPLIANT	RECEIVER 3.3V LVDS HS SOT23-5 FAIRCHILD SEMICONDUCTOR (VA)	5	0.84000	4.20	1	1
34	DK MFG REF STK LT	490-4736-1-ND GRM21BR71H105KA12L C7, C17A, C17B, C17C, C17D, C24A, C IN STOCK EST WKS 5 SCHED B: 853224 ECCN: EAR99 PRICING VALID THRU: 7/11/2009 LEAD: LEAD FREE ROHS: ROHS COMPLIANT	CAP CER 1UF 50V X7R 0805 MURATA ELECTRONICS (VA)	80	0.48400	38.72	10	10

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35	DK MFG REF STK LT	490-1642-1-ND GRM2195C1H103JA01D C19A, C19B, C19C, C19D, C26A, C26B, IN STOCK EST WKS 4 SCHED B: 853224 ECCN: EAR99 PRICING VALID THRU: 7/11/2009 LEAD: LEAD FREE ROHS: ROHS COMPLIANT	CAP CER 10000PF 50V 5% COG 0805 MURATA ELECTRONICS (VA)	40	0.45100	18.04	10	10
36	DK MFG REF STK LT	P11500CT-ND LNJ306G5UUX D1, D2, D3, D4, D5, D6 IN STOCK EST WKS 12 SCHED B: 854140 ECCN: EAR99 PRICING VALID THRU: 7/11/2009 LEAD: LEAD FREE ROHS: ROHS COMPLIANT	LED GREEN S-J TYPE 0805 PANASONIC - SSG (VA)	30	0.29700	8.91	10	1
37	DK MFG REF STK LT	490-2505-1-ND LQH32MN100J23L L1A, L1B, L1C, L1D, L2A, L2B, L2C, IN STOCK EST WKS 4 SCHED B: 850450 ECCN: EAR99 PRICING VALID THRU: 7/11/2009 LEAD: LEAD FREE ROHS: ROHS COMPLIANT	INDUCTOR 10UH 5% 190MA 1210 MURATA ELECTRONICS (VA)	80	0.29080	23.26	50	1
38	DK MFG REF STK LT	MAX6341CSA+-ND MAX6341CSA+ U8 IN STOCK EST WKS 4 SCHED B: 854239 ECCN: EAR99 PRICING VALID THRU: 7/11/2009 LEAD: LEAD FREE ROHS: ROHS COMPLIANT	IC V-REF 4.096V LN 8-SOIC MAXIM INTEGRATED PRODUCTS	5	17.76000	88.80	1	100
39	DK MFG REF STK LT	SSM2210SZ-ND SSM2210SZ U11A, U11B, U11C, U11D, U13A, U13B, IN STOCK EST WKS 5 SCHED B: 854239 ECCN: EAR99 PRICING VALID THRU: 7/11/2009 LEAD: LEAD FREE ROHS: ROHS COMPLIANT	IC TRANSISTOR AUDIO MATCH 8SOIC ANALOG DEVICES INC	40	4.32000	172.80	25	98
40	DK MFG REF STK LT	399-3824-1-ND T494A106M016AT C15A, C15B, C15C, C15D, C16A, C16B, IN STOCK EST WKS 3 SCHED B: 853221 ECCN: EAR99 PRICING VALID THRU: 7/11/2009 LEAD: LEAD FREE ROHS: ROHS COMPLIANT	CAPACITOR TANT 10UF 16V 20% SMD KEMET (VA)	160	0.58900	94.24	100	1

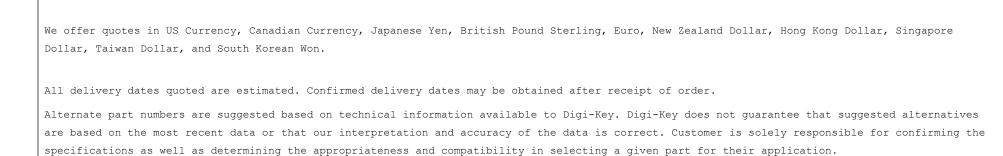
IDX	*Part Code	Item Number	Description	Quantity	Unit Price U.S. \$	Extended Price U.S. \$	Minimum Order	Package Quantity
41	DK MFG REF STK LT	296-10030-1-ND THS4031IDGNR U1A, U1B, U1C, U1D, U4A, U4B, U4C, IN STOCK EST WKS 2 SCHED B: 854239 ECCN: EAR99 PRICING VALID THRU: 7/11/2009 LEAD: LEAD FREE ROHS: ROHS COMPLIANT	IC OPAMP VFB 100MHZ SGL 8MSOP TEXAS INSTRUMENTS (VA)	60	3.51000	210.60	25	1



Thank you for your quote request.

Please review terms and conditions below.

Quoted for RICH LOBDILL, LAS CUMBRES OBSERVATORY



Due to quantities, usage and contracts with our manufacturers, some part numbers may be subject to special terms.

Terms: Net 30 Days if approved Account, Prepaid, COD, Visa, Mastercard, Discover, or American Express.

Taxes: All applicable taxes will be applied at time of order.

FOB: Thief River Falls, MN USA, prepaid and add. Duties, taxes & shipping charges are the responsibility of the customer.