

KEYPAD Parts List

Keypad . 6840

New Document

Part Type	Designator	Footprint	Description	Part Field 2	Part Field 3	Part Field 4
#	K12	KEY3	*	*	*	*
*	K10	KEY3	*	*	*	*
	0 K11	KEY3	*	*	*	*
0.1uF	C4	0805A	CAP, CHIP	C0805X104K05T	0.1uF, 10%, 50V	DURAN
	1 K1	KEY3	*	*	*	*
10K	R5	1206A	RES, CHIP	RC1206GR07-103	5%, 1/4W, 200PPM	YAGEO
10K	R4	1206A	RES, CHIP	RC1206GR07-103	5%, 1/4W, 200PPM	YAGEO
10K	R6	1206A	RES, CHIP	RC1206GR07-102	5%, 1/4W, 200PPM	YAGEO
10K	R2	1206A	RES, CHIP	RC1206GR07-103	5%, 1/4W, 200PPM	YAGEO
10K	R3	1206A	RES, CHIP	RC1206GR07-103	5%, 1/4W, 200PPM	YAGEO
10uf	C1	ALCAP-B	CAP, ELECTRO	*	10uF, 16V	AVX
	2 K2	KEY3	*	*	*	*
22pf	C3	0805A	CAP, CHIP	C0805N220J05T	22 pF, 5%, 50V	DURAN
22pf	C2	0805A	CAP, CHIP	C0805N220J05T	22 pF, 5%, 50V	DURAN
	3 K3	KEY3	*	*	*	*
	4 K4	KEY3	*	*	*	*
	5 K5	KEY3	*	*	*	*
	6 K6	KEY3	*	*	*	*
	7 K7	KEY3	*	*	*	*
7.5K	R1	1206A	RES, CHIP	RC1206GR07-752	5%, 1/4W, 200PPM	YAGEO
	8 K8	KEY3	*	*	*	*
8.0 MHz	Y1	EFO-P	RESTNR, CERMA	EFO-P8004E5	8 MHz	PANASONIC
	9 K9	KEY3	*	*	*	*
HEADER 14	JP2	SIP14	CONN, SIP-14	ETCHED	14 POS AWID	*
HEADER 6	JP1	SIP6M	CONN, SIP	ETCHED	6 POSITION	AWID
PIC16F84-10	U1	SOL-18	IC, LOGIC	PIC16F84-10/SO	CPU,	MICROCHIP

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0.001uF	C17	0805A	CAP, CHIP	C0805X102K05T	.001uF, 10%, 50V	DURAN
0.01uF	C22	0805A	CAP, CHIP	C0805X103K05T	.01uF, 10%, 50V	DURAN
0.01uF	C4	0805A	CAP, CHIP	C0805X103K05T	.01uF, 10%, 50V	DURAN
0.01uF	C23	0805A	CAP, CHIP	C0805X103K05T	.01uF, 10%, 50V	DURAN
0.1uF	C11	0805A	CAP, CHIP	C0805X104K05T	0.1uF, 10%, 50V	DURAN
0.1uF	C27	0805A	CAP, CHIP	C0805X104K05T	0.1uF, 10%, 50V	DURAN
0.1uF	C14	0805A	CAP, CHIP	C0805X104K05T	0.1uF, 10%, 50V	DURAN
0.1uF	C21	0805A	CAP, CHIP	C0805X104K05T	0.1uF, 10%, 50V	DURAN
0.1uF	C15	0805A	CAP, CHIP	C0805X104K05T	0.1uF, 10%, 50V	DURAN
1.8K	R17	1206A	RES, CHIP	RC1206GR07-182	5%, 1/4W, 200PPM	YAGEO
100 R9		1206A	RES, CHIP	RC1206GR07-101	5%, 1/4W, 200PPM	YAGEO
1000pF	C13	0805A	CAP, CHIP	C0805N102J05T	1000pF, 5%, 50V	DURAN
1000pF	C6	0805A	CAP, CHIP	C0805N102J05T	1000pF, 5%, 50V	DURAN
1000pF, 5% C7		1812A	CAP, CHIP	1206C102JU501	1000pF, 5%, 500V	SPECTRUM
100K	R14	1206A	RES, CHIP	RC1206GR07-104	5%, 1/4W, 200PPM	YAGEO
100K	R8	1206A	RES, CHIP	RC1206GR07-104	5%, 1/4W, 200PPM	YAGEO
10K	R19	1206A	RES, CHIP	RC1206GR07-103	5%, 1/4W, 200PPM	YAGEO
10K	R2	1206A	RES, CHIP	RC1206GR07-103	5%, 1/4W, 200PPM	YAGEO
10uF, 16V	C2	1210P	CAP, TANT	TAJC106K016R	10uF, 16V, 10%, 6032	AVX
10uF, 16V	C10	1210P	CAP, TANT	TAJC106K016R	10uF, 16V, 10%, 6032	AVX
10uF, 16V	C20	1210P	CAP, TANT	TAJC106K016R	10uF, 16V, 10%, 6032	AVX
10uF, 16V	C12	1210P	CAP, TANT	TAJC106K016R	10uF, 16V, 10%, 6032	AVX
10uF, 25V	C3	6032	CAP, TANT	TAJD106K025R	10uF, 25V, 10%	AVX
150K	R10	1206A	RES, CHIP	RC1206GR07-154	5%, 1/4W, 200PPM	YAGEO
150K	R5	1206A	RES, CHIP	RC1206GR07-154	5%, 1/4W, 200PPM	YAGEO
180K	R3	1206A	RES, CHIP	RC1206GR07-184	5%, 1/4W, 200PPM	YAGEO
1K	R13	1206A	RES, CHIP	RC1206GR07-102	5%, 1/4W, 200PPM	YAGEO
1K	R25	1206A	RES, CHIP	RC1206GR07-102	5%, 1/4W, 200PPM	YAGEO
1K	R23	1206A	RES, CHIP	RC1206GR07-102	5%, 1/4W, 200PPM	YAGEO
1M	R11	1206A	RES, CHIP	RC1206GR07-105	5%, 1/4W, 200PPM	YAGEO
1N4148	D9	MELF-M	DIODE, GP	LL4148	GP	LITEON
1N4148	D2	MELF-M	DIODE, GP	LL4148	GP	LITEON
1N4148	D1	MELF-M	DIODE, GP	LL4148	GP	LITEON
1N4148	D3	MELF-M	DIODE, GP	LL4148	GP	LITEON
1N4148	D10	MELF-M	DIODE, GP	LL4148	GP	LITEON

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1N4936	D6	MELF-DLA	DIODE, HV	DL4936	1 AMP, 400V	LITEON
2200pF	C16	0805A	CAP, CHIP	C0805X222J05T	2200pF, 5%, 50V	DURAN
2200pF, 5%	C9	1812A	CAP, CHIP	1210C222JU501	2200pF, 500V, 5%	SPECTRUM
2200pF, 5%	C5	1812A	CAP, CHIP	1210C222JU501	2200pF, 5%, 500V	SPECTRUM
220K	R26	1206A	RES, CHIP	RC1206GR07-224	5%, 1/4W, 200PPM	YAGEO
22K	R6	1206A	RES, CHIP	RC1206GR07-223	5%, 1/4W, 200PPM	YAGEO
22K	R16	1206A	RES, CHIP	RC1206GR07-223	5%, 1/4W, 200PPM	YAGEO
27K	R32	0805A	RES, CHIP	RC1206GR07-273	5%, 1/4W, 200PPM	YAGEO
2K	R18	1206A	RES, CHIP	RC1206GR07-202	5%, 1/4W, 200PPM	YAGEO
2K	R20	1206A	RES, CHIP	RC1206GR07-202	5%, 1/4W, 200PPM	YAGEO
2N2369A	Q1	SOT-23A	XTR, NPN	MMBT2369	GP	MOTO
2N3904	Q2	SOT-223T	XTR, NPN	MMBT3904	GP	LITNON
2N3904	Q4	SOT-23A	XTR, NPN	MMBT3904	GP	LITEON
2N3906	Q8	SOT-23A	XTR, PNP	MMBT3906	GP	LITEON
2N3906	Q5	SOT-23A	XTR, PNP	MMBT3906	GP	LITEON
2N3906	Q3	SOT-223T	XTR, PNP	MMBT3906	GP	LITEON
2N7002	Q7	SOT-23FET	XTR, FET	2N7002	N-MOS	VISHAY
2N7002	Q6	SOT-23FET	XTR, FET	2N7002	N-MOS	VISHAY
33 R29		1206A	RES, CHIP	RC1206GR07-330	5%, 1/4W, 200PPM	YAGEO
33 R28		1206A	RES, CHIP	RC1206GR07-330	5%, 1/4W, 200PPM	YAGEO
39K	R1	1206A	RES, CHIP	RC1206GR07-393	5%, 1/4W, 200PPM	YAGEO
4.7K	R31	1206A	RES, CHIP	RC1206GR07-472	5%, 1/4W, 200PPM	YAGEO
4.7K	R30	1206A	RES, CHIP	RC1206GR07-472	5%, 1/4W, 200PPM	YAGEO
4.7K	R15	1206A	RES, CHIP	RC1206GR07-472	5%, 1/4W, 200PPM	YAGEO
470K	R24	1206A	RES, CHIP	RC1206GR07-474	5%, 1/4W, 200PPM	YAGEO
470K	R7	1206A	RES, CHIP	RC1206GR07-474	5%, 1/4W, 200PPM	YAGEO
470pF	C8	0805A	CAP, CHIP	C0805N471J05T	470pF, 5%, 50V	DURAN
5.1K	R12	1206A	RES, CHIP	RC1206GR07-512	5%, 1/4W, 200PPM	YAGEO
56pF	C24	0805A	CAP, CHIP	C0805N560J05T	56pF, 5%, 50V	DURAN
56pF	C18	0805A	CAP, CHIP	C0805N560J05T	56pF, 5%, 50V	DURAN
6-35pF	C25	TRIMCAP	CAP, VARIABLE	GKG30066-07	6.5-30 pF, 220V	SPRAGUE
680 R21		1206A	RES, CHIP	RC1206GR07-681	5%, 1/4W, 200PPM	YAGEO
680 R22		1206A	RES, CHIP	RC1206GR07-681	5%, 1/4W, 200PPM	YAGEO
8.0 MHz	Y1	EFO-P	RSTNR, CRMA	EFO-S8004E5	8 MHz	PANASONIC
820 R4		1206A	RES, CHIP	RC1206GR07-821	5%, 1/4W, 200PPM	YAGEO
820pF	C1	0805A	CAP, CHIP	C0805N821J05T	820pF, 5%, 50V	DURAN

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9.1K	R33	1206A	RES, CHIP	RC1206GR07-912	5%, 1/4W, 200PPM	YAGEO
910	R27	1206A	RES, CHIP	RC1206GR07-911	5%, 1/4W, 200PPM	YAGEO
HEADER 10	JP4	SIP10	CONN-10	ETCHED	10 PLC	AWID
HEADER 2	JP2	SIP2	CONN-2	ETCHED	2 PLC, SOLDERED	AWID
HEADER 2	JP1	SIP2	CONN-2	ETCHED	2 PLC, SOLDERED	AWID
HEADER 6	JP3	SIP6	*	*	*	*
LED-B1	LED2	LED-LN	LED, RED-GRN	L59EGW	1-GRN,3-RED, 25MA	KINGBRIGHT
LED-B1	LED1	LED-LN	LED, RED-GRN	L59EGW	1-GRN,3-RED, 25MA	KINGBRIGHT, 909-468-0500
LP2951	U1	SO-8	IC, LINEAR	LP2951CM	5V REG,SMT	NS
MC33074D	U2	SO-14	IC, OP AMP	MC33074D	QUAD	MOTO
PIC16F84-10 U4		SOL-18	IC, LOGIC	PIC16F84-10/SO	CPU,	MICROCHIP
PKM17EPP	BZ1	BZ	BUZ, CERAMIC	PE17P40AA-10A	4KHz, BUZZER	ARIOSE
SMB5.0A	D11	LITE-SMB	DIODE, TVS	SMBJ5.0A	5V, 600W	TSC
SMB5.0A	D12	LITE-SMB	DIODE, TVS	SMBJ5.0A	5V, 600W	TSC
SMB5.0A	D13	LITE-SMB	DIODE, TVS	SMBJ5.0A	5V, 600W	TSC
SMB5.0A	D14	LITE-SMB	DIODE, TVS	SMBJ5.0A	5V, 600W	TSC
SMB5.0A	D15	LITE-SMB	DIODE, TVS	SMBJ5.0A	5V, 600W	TSC
SMBJ12C	D8	LITE-SMB	DIODE, TVS	SMBJ12CA	12V, 600W	VISHAY
SMBJ12C	D7	LITE-SMB	DIODE, TVS	SMBJ12CA	12V, 600W	VISHAY
SMBJ15	D4	LITE-SMB	DIODE, ZENER	SMBJ15	15V, 1W	LITEON
SN74HC4024 U3		SO-14	IC, LOGIC	SN74HC4024D	7-BIT BINA COUNTER	TI
TP	TP1	TP-001	TEST POINT	ETCHED	1-PLC	AWID