







Description	Designator	Footprint	LibRef	Quantity
Chip Multilayer				
for General Purpose,	C1, C2	FP-GRM21B-0_15- MFG	CMP-2007-03385-2	2
Ceramic Capacitors		ED COMEED O 4		
for General Purpose,	C3, C5, C7		CMP-2000-06370-2	3
2220, 1.0uF, X7R, 15%, 10%, 250V		IFC_A		
	C4		CMP-2008-03929-1	1
Multilaver Ceramic		5110		
Capacitors 100nF	0.	FP-C1005-050-0_05-	01 4D 0000 05000 0	
±10% 50V X7R SMD	C6	IPC_C	CMP-2000-05393-2	1
0402				
		ONCO COD 222 2 477		
	D1, D2, D3		CMP-1055-00462-1	3
		U2_V		
1206 SMD	DS1	FP-HSMG-C150-MFG	CMP-2000-05061-2	1
LED Uni-Color Red, 65				
mW, 25 mA, -40 to 85	DS2	AVAG-HSMX-C150 V	CMP-2000-06426-1	1
конs, таре and кеет	11	60121/1110002	CMD 1502 02464 2	1
22-28-4035 BOARD-	JI	071214110002	CIVIF-1302-02404-2	'
HEADER, 3WAY,			CMID 000E7 00047E47	
1ROW; Series: KK;	J2	FP-22-28-4035-MFG		1
Pitch Spacing:			•	
ROWS: 1;	13 IV	60121/1110003	CMD 1502 02466 2	2
MOSFET N-CH 55V				
42A DPAK	Q6	FP-PG-TO252-3-MFG	CMP-32901-000105-2	6
		RESC1608X55X30LL15	CMD 2000 00170 1	2
100		T15	CIVIF-2000-00179-1	2
		RESC1608X55X30LL15	CNAD 2000 00100 1	10
		T15	CIVIP-2000-00180-1	10
Chip Resistor, 4.7	KIO			
KOhm, +/- 1%, 0.1 W, -		DECC100EV 40V2ELL0E		
55 to 155 degC, 0402	R7		CMP-2002-01154-4	1
(1005 Metric), RoHS,		105		
Tape and Reel	Do Do Dao Doo Doo	DECCCOACYECYCONU.CO		
			CMP-2001-04915-1	6
Chin Resistor 10	NZ1	120		
	R10. R11. R12. R21.			
mW, -55 to 155 degC,	R22, R23, R24, R25,		CMP-1666-00005-4	10
0603 (1608 Metric),	R28, R29	20		
RoHS, Tape and Reel				
SWITCH TACTILE SPST-	CIAI1 CIAI2 CIAI2 CIAI3		CNAD 10040 00000* 0	
NO 0.05A 16V	3vv 1, 3vv2, 3vv3, 3W4		CIVIP- 10040-000001-2	4
MOCEET DRIVE (00)/		I J IVII U		
				1
0.36A 2-OUT Hi/Lo		ED DO DOG - :	ON 4D 000E4	
	U1, U3, U6	FP-PG-DSO-8-IPC_B	CMP-32851-000156-1	3
0.36A 2-OUT Hi/Lo Side Non-Inv 8-Pin SOIC	U1, U3, U6	FP-PG-DSO-8-IPC_B	CMP-32851-000156-1	3
0.36A 2-OUT Hi/Lo Side Non-Inv 8-Pin SOIC Low-Power, High-	U1, U3, U6	FP-PG-DSO-8-IPC_B	CMP-32851-000156-1	3
0.36A 2-OUT Hi/Lo Side Non-Inv 8-Pin SOIC Low-Power, High- Performance	U1, U3, U6	FP-PG-DSO-8-IPC_B	CMP-32851-000156-1	3
0.36A 2-OUT Hi/Lo Side Non-Inv 8-Pin SOIC Low-Power, High- Performance Microcontroller with				
0.36A 2-OUT Hi/Lo Side Non-Inv 8-Pin SOIC Low-Power, High- Performance Microcontroller with XLP Technology, 64	U1, U3, U6 U2		CMP-32851-000156-1 CMP-0116-01786-1	1
0.36A 2-OUT HI/Lo Side Non-Inv 8-Pin SOIC Low-Power, High- Performance Microcontroller with XLP Technology, 64 MHz, 35 I/O, -40 to 85				
0.36A 2-OUT HI/Lo Side Non-Inv 8-Pin SOIC Low-Power, High- Performance Microcontroller with XLP Technology, 64 MHz, 35 I/O, -40 to 85 degC, 44-pin TQFP				
0.36A 2-OUT HI/Lo Side Non-Inv 8-Pin SOIC Low-Power, High- Performance Microcontroller with XLP Technology, 64 MHz, 35 I/O, -40 to 85	U2	MCHP-TQFP-PT44_L	CMP-0116-01786-1	1
0.36A 2-OUT HI/Lo Side Non-Inv 8-Pin SOIC Low-Power, High- Performance Microcontroller with XLP Technology, 64 MHz, 351/O, -40 to 85 degC, 44-pin TOFP (PT44), Tray IC GATE AND 4CH 2- INP 14SOIC				
0.36A 2-OUT HI/Lo Side Non-Inv 8-Pin SOIC Low-Power, High- Performance Microcontroller with XLP Technology, 64 MHz, 351/O, -40 to 85 degC, 44-pin TOFP (PT44), Tray IC GATE AND 4CH 2- INP 14SOIC IC REG LIN 5V 1.5A	U2 U4	MCHP-TQFP-PT44_L	CMP-0116-01786-1	1
0.36A 2-OUT HI/Lo Side Non-Inv 8-Pin SOIC Low-Power, High- Performance Microcontroller with XLP Technology, 64 MHz, 35 I/O, -40 to 85 degC, 44-Pin TOFP (PT44), Tray IC GATE AND 4CH 2- INP 14SOIC IC REG LIN SV 1.5A DDPAK/TO263-3	U2	MCHP-TOFP-PT44_L FP-D0014A-MFG	CMP-0116-01786-1	1
0.36A 2-OUT HI/Lo Side Non-Inv 8-Pin SOIC Low-Power, High- Performance Microcontroller with XLP Technology, 64 MHz, 35 I/O, -40 to 85 degC, 44-pin TOFP (PT44), Tray IC GATE AND 4CH 2- INP 14SOIC IC REG LIN 5V 1.5A DDPAK/TO263-3 Crystal 16MHz	U2 U4	MCHP-TOFP-PT44_L FP-D0014A-MFG	CMP-0116-01786-1	1
	Chip Multilayer Ceramic Capacitors for General Purpose, 0805, 22uF, X5R, 15%, 20%, 6, 3V Chip Multilayer Ceramic Capacitors for General Purpose, 15%, 10%, 250V Multilayer Ceramic Capacitors 15%, 10%, 250V Multilayer Ceramic Capacitors 100nF ±10% 50V X7R SMD 0402 Schottky Barrier Diode, 2-Pin SOD- 332, Pb-Free, Tape and Reel LED GREEN DIFFUSED 1206 SMD LED HIP COIOR Red, 65 mW, 25 mA, -40 to 85 degC, 2-Pin SMD, ROHS, Tape and Reel 122-28-4035 BOARD- BOARD Connector HEADER, 3WAY, 1ROW; Series: KK; PITCH STEP STORY 18 STORY 18 STORY 18 STORY 19 STORY	Chip Multilayer Ceramic Capacitors for General Purpose, 20%, 6, 3V Chip Multilayer Ceramic Capacitors for General Purpose, 20%, 6, 3V Chip Multilayer Ceramic Capacitors for General Purpose, 2220, 1.0uF, X7R, 15%, 10%, 250V C4 Multilayer Ceramic Capacitors 100nF ±10% 50V X7R SMD 0402 Schottky Barrier Diode, 2-Pin SOD- 323, Pb-Free, Tape and Reel LED GREEN DIFFUSED 1206 SMD LED URIC-Color Red, 65 mW, 25 mA, -40 to 85 degC, 2-Pin SMD, ROHS, Tape and Reel J1 22-28-4035 BOARD- BOARD Connector HEADER, 3WAY, 1ROW; Series: KK; PIPLE Schmm; No. of Rows: 1; J3, J4 MOSFET N-CH 55V Q6 R1, R2 R3, R4, R5, R6, R13, R14, R15, R16, R17, R18 Chip Resistor, 4-7 KOhm, +/- 1%, 0.1 W, 55 to 155 degC, 0402; Chip Resistor, 10 KOhm, +/- 1%, 100 mW, -55 to 155 degC, Coo3 (1608 Metric), ROHS, Tape and Reel SWITCH TACTILE SPST- NO 0.05A 16V SW1, SW2, SW3, SW4	Chip Multilayer Ceramic Capacitors for General Purpose, 20%, 6.3V Chip Multilayer Ceramic Capacitors for General Purpose, 20%, 6.3V Chip Multilayer Ceramic Capacitors for General Purpose, 2220, 1.0uF, X7R, 15%, 10%, 250V C4 CAPC1005X55X25ML0 5T10 C4 CAPC1005X55X25ML0 5T10 C4 CAPC1005X55X25ML0 5T10 C4 CAPC1005X55X25ML0 5T10 C6 Multilayer Ceramic Capacitors 100nF ±10% 50V X7R SMD 0402 Schottky Barrier Diode, 2-Pin SOD- 323, Pb-Free, Tape and Reel LED GREEN DIFFUSED 1206 SMD LED URI-Color Red, 65 mW, 25 mA, -40 to 85 degC, 2-Pin SMD, ROHS, Tape and Reel J1 691214110002 AVAG-HSMX-C150_V FP-22-28-4035 BOARD- BOARD Connector HEADER, 3WAY, 1ROW; Series: KK; PIPCL AVAG-HSMX-C150_V FP-22-28-4035-MFG FP-22-28-4035-MFG FP-22-28-4035-MFG FP-22-28-4035-MFG FP-22-28-4035-MFG FP-22-28-4035-MFG FP-22-28-4035-MFG FP-22-28-4035-MFG FP-BG-TO252-3-MFG R1, R2 R3, R4, R5, R6, R13, R14, R15, R16, R17, R18 Chip Resistor, 4-7 KOhm, +/- 1%, 0.1 W, 55 to 155 degC, 0402, Chip Resistor, 10 KOhm, +/- 1%, 100 mW, -55 to 155 degC, 0603 (1608 Metric), ROHS, Tape and Reel SWITCH TACTILE SPST- NO 0.05A 16V FP- SW1, SW2, SW3, SW4 FP-BISIOSJM/250SMTRL FS-MFG	Chip Multilayer Ceramic Capacitors for General Purpose, 2005, 22UF, X5R, 15%, 2006, 23VF Chip Multilayer Ceramic Capacitors for General Purpose, 2220, 1.0uF, X7R, 15%, 10%, 250V C4 CAPC1005X55X25ML0 C4 CAPC1005X55X25ML0 CMP-2000-06370-2 EPGRM55D-0_4- IPC_A CMP-2000-06370-2 CMP-2000-06370-2 CMP-2000-06370-2 CMP-2000-06370-2 IPC_A CMP-2000-06370-2 CMP-2000-05393-2 IPC_C CMP-2000-05393-2 CMP-1055-00462-1 D1, D2, D3 ONSC-SOD-323-2-477 O2_V ONSC-SOD-323-2-477 OMP-1055-00462-1 SS1 ED Uni-Color Red, 65 mW, 25 mA, -40 to 85 degC, 2-Pin SMD, RoHS, Tape and Reel D1 D2-2-8-4035 BOARD D3APC Connector HEADER, 3WAY, 1ROW: Series: KK; PItch Spacing: 2.54mm; No. of Rows: 1; J3, J4 G91214110002 CMP-1502-02464-2 CMP-00257-00247547- T1 CMP-00257-00247547- T15 CMP-2000-00105-2 CMP-2000-00105-1 CMP-2000-00179-1 R3, R4, R5, R6, R13, R14, R15, R16, R17, R18 Chip Resistor, 10 KOhm, +/- 1%, 0.1 UW, 55 to 155 degC, O403 (1608 Metric), RoHS, Tape and Reel R8, R9, R19, R20, R26, R27 W1, SW2, SW3, SW4 PSS 105S/MT250 MTR. CMP-10040-000001-2 CMP-10040-000001-2 CMP-10040-000001-2