









Comment										Not
	Quantity	Designator C1, C3, C4,	Mfgr	Mfg. Part No. CC0402JRNPO9	Footprint	Value	Rating	Tolerance	INVKEY CP0402-47PF-50V-	е
?		C11, C12, C13	Yageo	BN470	C0402	47pF	50V		5%	
?		3 C2, C7, C10	Murata	GRM32ER60J107 ME20L	C1210_IPC_H	100uF	6.3V		CP1210-100UF-6.3V- 20%	
2		3 C5, C8, C9	Kemet	A700X157M006 ATE015	VISH-293D-7343-31_V	150uF	6.3V		CP7343-150uF-6.3V- ESR15-20%	
r		3 C5, C6, C9	Kernet	ATEUIS	VISH-293D-7343-31_V	ISOUR	0.3V		CP0402-47NF-10V-	H
?		D1, D4, D7,	Panasonic-ECJ	ECJ-0EB1A473K	C0402_IPC_H	47nF	10V		10%	Ļ
BLUE		1	Lite-On	LTST-S270TBKT	LED0603_M	BLUE			LED-BL-RA-0603	
GREEN		3 D2, D5, D11	Lite-On	LTST-S270KGKT	LED0603_M	GREEN			LED-GRN-RA-UB- 0603	
UNLLIV		, D2, D3, D11	Lite Oil	ETST SETONORT	ELDOGOS_III	CICLLIA			0000	Do
										not asse
										mbl
OPEN Thernet lack		2 D3, D6	NA	NA	LED0603_M	OPEN			?	e
CTRL ETH	:	2 J1, J9	Molex	43202-8916	43202-8916				CO-43202-8916	
MOLEX105017- 0001		2 J2, J10	Molex	105017-0001	MOLEX105017-0001				CO-USB-MICRO- SOLDERTAIL	
			TE						CO-PMC64-120527-	H
MMC	-	2 J3, J4	Connectivity	5120527-1	5120527-1				1	┡
										Com
										ble
						1				with Mol
						1				ex
										8778
										2- 3003
										ŀ
										877i 2-
										300
						1				877
										2-
										3007 and
										8778
PMC, CTRL	:	2,15, 17	Molex	87782-3007	87782-3007				2	2- 3009
PMI JTAG,									CO-PIN-HDR-2X7SS-	300
CTRL JTAG	:	2 J6, J8	Molex	87832-1420	87832-1420				2MM	Do
										not
II 20V2										asse
Header 20X2, CTRL GPIO		2 P1, P9	?	?	HEADER2X20				?	mbl e
										Do
										not asse
MMC1 CTRL,										mbl
MMC0 CTRL ITAG Connect,		2 P2, P3	?	?	HEADER1X7				?	е
PMC XVC to										
CTRL JTAG		2 P4, P5	?	?	HEADER2X4				?	Do
										not
CTRL ADC-A,										asse mbl
CTRL ADC-A,		2 P6, P8	?	?	HEADER1X9					
PWREN		1 P7	?	?	HEADER1X3				?	e
									?	e
									?	e
ı									?	e Refu
									?	e Refu
			University of	UWLVPWRMOD					?	Refu rbisi from oRS
		1 PM1 R1 R2 R4 R5	University of Wisconsin	UWLVPWRMOD V2	UWLVPWRMODV2				? ?	e Refu rbish
		R1, R2, R4, R5, R12, R18, R20,	Wisconsin	V2 RC0603FR-					? ? ? RS0603-681R-1/10W	Refurbish from oRS Cs
		R1, R2, R4, R5, R12, R18, R20,		V2	UWLVPWRMODV2 R0603	681		1%	? ? ? RS0603-681R-1/10W	Refurbish from oRS Cs
		R1, R2, R4, R5, R12, R18, R20,	Wisconsin	V2 RC0603FR-		681		1%	1%	Refurbish from oRS
		R1, R2, R4, R5, R12, R18, R20, PR22, R24	Wisconsin	V2 RC0603FR-		681		1%	1%	Refurbisi from oRS Cs
		R1, R2, R4, R5, R12, R18, R20, 9 R22, R24 R3, R6, R13, 6 R14, R15, R16	Wisconsin	V2 RC0603FR-		681 OPEN		1%	1%	Refurbisi from oRS Cs
		R1, R2, R4, R5, R12, R18, R20, 9 R22, R24 R3, R6, R13, 6 R14, R15, R16 R7, R8, R31,	Wisconsin Yageo	V2 RC0603FR- 07681RL	R0603 R0402_IPC_H	OPEN			1% RS0402-OPEN-	Refurbish from oRS
		R1, R2, R4, R5, R12, R18, R20, 9 R22, R24 R3, R6, R13, 6 R14, R15, R16	Wisconsin Yageo	V2 RC0603FR- 07681RL	R0603				1% RS0402-OPEN-	Refurbish from oRS Cs
		R1, R2, R4, R5, R12, R18, R20, R22, R24 R3, R6, R13, 5 R14, R15, R16 R7, R8, R31, 4 R32 2 R9, R30	Wisconsin  Yageo  NA  ?  Panasonic- ECG	V2 RC0603FR- 07681RL	R0603 R0402_IPC_H	OPEN			1%  RS0402-OPEN- 1/10W  ?  RS0402-4K7-1/10W- 5%	Refurbish from oRS Cs
		R1, R2, R4, R5, R12, R18, R20, 9 R22, R24 R3, R6, R13, 6 R14, R15, R16 R7, R8, R31, 4 R32	Wisconsin Yageo NA ? Panasonic-	V2 RC0603FR- 07681RL	R0603 R0402_IPC_H R0603 R0402_IPC_H	OPEN 27		1%	1% RS0402-OPEN- 1/10W ? RS0402-4K7-1/10W-	Refurbish from oRS Cs
		R1, R2, R4, R5, R12, R18, R20, R22, R24 R3, R6, R13, SR14, R15, R16 R7, R8, R31, 4 R32 R9, R30 R10, R17, R19, 5 R25, R26, R28 R11, R21, R27,	Wisconsin  Yageo  NA  ? Panasonic- ECG Panasonic- ECG	V2  RC0603FR- 07681RL  NA  2  ERJ-2GEJ472X  ERJ-2GEJ103X  RC0603FR-	R0402_IPC_H R0402_IPC_H R0402_IPC_H R0402_IPC_H	OPEN 27 4.7K		1%	1%  RS0402-OPEN- 1/10W  2  RS0402-4K7-1/10W- 5%  RS0402-10K-1/10W- 5%  RS0603-100R-1/10W	Refurbish from oRS Cs Do not asse mbl
		R1, R2, R4, R5, R12, R18, R20, R22, R24  R3, R6, R13, SR14, R15, R16  R7, R8, R31, 4 R32  R9, R30  R10, R17, R19, R25, R26, R28, R31, R11, R21, R27, R29, R29	Wisconsin  Yageo  NA  ? Panasonic- ECG Panasonic-	V2 RC0603FR- 07681RL  NA ? ERJ-2GEJ472X ERJ-2GEJ103X	R0603  R0402_IPC_H  R0603  R0402_IPC_H  R0402_IPC_H	OPEN 27 4.7K 10k		1%	1%  RS0402-OPEN- 1/10W  ? RS0402-4K7-1/10W- 5%  RS0402-10K-1/10W-	Refurbish from oRS Cs Do not asse mbl
		R1, R2, R4, R5, R12, R18, R20, R22, R24 R3, R6, R13, SR14, R15, R16 R7, R8, R31, 4 R32 R9, R30 R10, R17, R19, 5 R25, R26, R28 R11, R21, R27,	Wisconsin  Yageo  NA  ? Panasonic- ECG Panasonic- ECG	V2 RC0603FR- 07681RL  NA ? ERJ-2GEJ472X ERJ-2GEJ103X RC0603FR- 07100RL ?	R0402_IPC_H R0402_IPC_H R0402_IPC_H R0402_IPC_H	OPEN 27 4.7K		1%	1%  RS0402-OPEN- 1/10W  2  RS0402-4K7-1/10W- 5%  RS0402-10K-1/10W- 5%  RS0603-100R-1/10W	Refurbist from oRS Cs Do not asse mblie
		R1, R2, R4, R5, R12, R18, R20, R22, R24  R3, R6, R13, SR14, R15, R16  R7, R8, R31, 4 R32  R9, R30  R10, R17, R19, R25, R26, R28, R31, R11, R21, R27, R29, R29	Wisconsin  Yageo  NA  ? Panasonic- ECG Panasonic- ECG Panasonic- ECG Panasonic- ECG Panasonic- ECG Panasonic- ECG	V2 RC0603FR- 07681RL  NA ? ERJ-2GEJ472X  ERJ-2GEJ103X RC0603FR- 07100RL ?	R0603  R0402_IPC_H  R0603  R0402_IPC_H  R0402_IPC_H	OPEN 27 4.7K 10k		1%	1%  RS0402-OPEN- 1/10W  2  RS0402-10K-1/10W- 5%  RS0402-10K-1/10W- 1%  RS0603-100R-1/10W 1%  7  RS0402-4KS3-1/16W	Refurbish from oRS Cs
		R1, R2, R4, R5, R12, R18, R20, R22, R24  R3, R6, R13, R14, R15, R16  R7, R8, R31, R32  R9, R30  R11, R21, R27, R29, R30  R11, R21, R27, R29  R29  R33	Wisconsin  Yageo  NA  Panasonic- ECG Panasonic- ECG Yageo  Panasonic- ECG Panasonic- Panasonic- Panasonic- Panasonic- Panasonic- Panasonic- Panasonic- Panasonic- Panasonic-	V2 RC0603FR- 07681RL  NA ?  RRJ-2GEJ472X  ERJ-2GEJ103X RC0603FR- 07100RL ?  ERA-2AEB4531X	R0402_IPC_H R0402_IPC_H R0402_IPC_H R0402_IPC_H R0402_IPC_H R0402_IPC_H R0402_IPC_H R0402_IPC_H	OPEN 27 4.7K 10k 100 332 4.53k		1% 5% 5%	1%  RS0402-OPEN- 1/10W  7  RS0402-4K7-1/10W- 5%  RS0402-10K-1/10W- 1%  RS0402-4K53-1/16W	Refurbish from oRS Cs
OV2-PAR		R1, R2, R4, R5, R12, R18, R20, R22, R24  R3, R6, R13, R14, R15, R16  R7, R8, R31, R32  R9, R30  R10, R17, R19, R25, R26, R28  R11, R21, R27, R27, R23  R33  R34  SW1, SW2,	Wisconsin  Yageo  NA  Panasonic- ECG Panasonic- ECG  Yageo  Panasonic- ECG Panasonic- ECG Panasonic- ECG Panasonic- ECG Panasonic- ECG	V2  RC0603FR- 07681RL  NA  ?  ERJ-2GEJ472X  ERJ-2GEJ103X  RC0603FR- 07100RL  ?  ERA-2AEB4531X  ERJ-2RKF26R1X	R0402_IPC_H	OPEN 27 4.7K 10k 100 332		1% 5% 5%	1%  RS0402-OPEN- 1/10W  RS0402-4K7-1/10W- 5% RS0402-10K-1/10W- 1% RS0603-100R-1/10W 1% 72 RS0402-4K53-1/16W RS0402-2K53-1/10W 1% RS0402-4K53-1/10W	Refurbish from oRS Cs
OV2-PAR	:	R1, R2, R4, R5, R12, R18, R20, R22, R24  R3, R6, R13, R14, R15, R16  R7, R8, R31, R32  R9, R30  R10, R17, R19, R25, R26, R28  R23  R33  R34  R33  R34  R34  R35  R34  R35  R34  R35  R34  R35  R34  R35  R34  R35  R34  R34	Wisconsin  Yageo  NA  Panasonic- ECG Panasonic- ECG Yageo  Panasonic- ECG Panasonic- Panasonic- Panasonic- Panasonic- Panasonic- Panasonic- Panasonic- Panasonic- Panasonic-	V2 RC0603FR- 07681RL  NA ?  RRJ-2GEJ472X  ERJ-2GEJ103X RC0603FR- 07100RL ?  ERA-2AEB4531X	R0402_IPC_H R0403 R0402_IPC_H	OPEN 27 4.7K 10k 100 332 4.53k		1% 5% 5%	1%  RS0402-OPEN- 1/10W  7  RS0402-4K7-1/10W- 5%  RS0402-10K-1/10W- 1%  7  RS0402-4K53-1/1eW- PREC  RS0402-4K53-1/1eW- PREC	Refurbish from oRS Cs
OV2-PAR		R1, R2, R4, R5, R12, R18, R20, R22, R24  R3, R6, R13, R14, R15, R16  R7, R8, R31, R32  R9, R30  R10, R17, R19, R25, R26, R28  R23  R33  R34  R33  R34  R34  R35  R34  R35  R34  R35  R34  R35  R34  R35  R34  R35  R34  R34	Wisconsin  Yageo  NA  Panasonic- ECG Panasonic- ECG  Yageo  Panasonic- ECG Panasonic- ECG Panasonic- ECG Panasonic- ECG Panasonic- ECG	V2  RC0603FR- 07681RL  NA  ?  ERJ-2GEJ472X  ERJ-2GEJ103X  RC0603FR- 07100RL  ?  ERA-2AEB4531X  ERJ-2RKF26R1X	R0402_IPC_H	OPEN 27 4.7K 10k 100 332 4.53k		1% 5% 5%	1%  RS0402-OPEN- 1/10W  RS0402-4K7-1/10W- 5% RS0402-10K-1/10W- 1% RS0603-100R-1/10W 1% 72 RS0402-4K53-1/16W RS0402-2K53-1/10W 1% RS0402-4K53-1/10W	Refurbish from oRS Cs
DV2-PAR		R1, R2, R4, R5, R20, R22, R24 R3, R6, R13, R14, R15, R16 R7, R8, R31, R32 R9, R30 R10, R17, R19, R32 R9, R30 R10, R17, R19, R32 R9, R30 R10, R17, R19, R32 R23 R33 R34 SW1, SW2, SW4 SW3, SW5	Wisconsin  Yageo  NA  7  Panasonic- ECG  Panasonic- ECG  Yageo  7  Panasonic- ECG  Cask  7	V2 RC0603FR- 0768TRL  NA ?  ERJ-2GEJ472X ERJ-2GEJ103X RC06039R- 07100RL ? ERA-2AEB4531X ERJ-2RKF26R1X TDA08HOSB1 ?	R0402_IPC_H R0603 R0402_IPC_H R0603 R0402_IPC_H R0603 R0402_IPC_H R0603 R0402_IPC_H R0402 R0402_IPC_H R0402 R0402 R0402 R0402 R0402	OPEN 27 4.7K 10k 100 332 4.53k		1% 5% 5%	1%  RS0402-OPEN- 1/10W  RS0402-4K7-1/10W- 5%  RS0402-10K-1/10W- 5%  RS0402-10K-1/10W- 1% 72  RS0402-4K53-1/16W 1% RS0402-26R1-1/10W 1% SW-DIP-8X-SMD 7	Refu Refu from oRS Cs Do not asse mbl e
JWLVPWRMO DV2-PAR		R1, R2, R4, R5, R12, R18, R20, R22, R24  R3, R6, R13, R14, R15, R16  R7, R8, R31, R32  R9, R30  R10, R17, R19, R25, R26, R28  R23  R33  R34  R33  R34  R34  R35  R34  R35  R34  R35  R34  R35  R34  R35  R34  R35  R34  R34	Wisconsin  Yageo  NA  Panasonic- ECG Panasonic- ECG  Yageo  Panasonic- ECG Panasonic- ECG Panasonic- ECG Panasonic- ECG Panasonic- ECG	V2  RC0603FR- 07681RL  NA  ?  ERJ-2GEJ472X  ERJ-2GEJ103X  RC0603FR- 07100RL  ?  ERA-2AEB4531X  ERJ-2RKF26R1X	R0402_IPC_H R0403 R0402_IPC_H	OPEN 27 4.7K 10k 100 332 4.53k		1% 5% 5%	1%  RS0402-OPEN- 1/10W  RS0402-4K7-1/10W- 5% RS0402-10K-1/10W- 1% RS0603-100R-1/10W 1% 72 RS0402-4K53-1/16W RS0402-2K53-1/10W 1% RS0402-4K53-1/10W	Refurbish from oRS Cs  Do not assemble