

RefDes	Wcode	Description	Manufacturer	Manufacturer's Part Number	Distributor	Distributor Order Code	Pop/Unpop	Notes
H1	073-00001	1x2 PCB Pin Header 0.1" VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
H2	073-00001	1x2 PCB Pin Header 0.1" VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
H3	073-00001	1x2 PCB Pin Header 0.1" VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
H4	073-00001	1x2 PCB Pin Header 0.1" VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
H5	073-00001	1x2 PCB Pin Header 0.1" VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
H6	073-00001	1x2 PCB Pin Header 0.1" VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
H10	073-00001	1x2 PCB Pin Header 0.1" VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
H11	073-00001	1x2 PCB Pin Header 0.1" VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
H12	073-00001	1x2 PCB Pin Header 0.1" VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
H16	073-00001	1x2 PCB Pin Header 0.1" VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
P1	072-00005	1x1 2.54mm pitch PCB Pin Header VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
P2	072-00005	1x1 2.54mm pitch PCB Pin Header VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
P3	072-00005	1x1 2.54mm pitch PCB Pin Header VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
P4	072-00005	1x1 2.54mm pitch PCB Pin Header VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
P5	072-00005	1x1 2.54mm pitch PCB Pin Header VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
P6	072-00005	1x1 2.54mm pitch PCB Pin Header VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
P7	072-00005	1x1 2.54mm pitch PCB Pin Header VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
P8	072-00005	1x1 2.54mm pitch PCB Pin Header VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
P9	072-00005	1x1 2.54mm pitch PCB Pin Header VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
P10	072-00005	1x1 2.54mm pitch PCB Pin Header VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
P11	072-00005	1x1 2.54mm pitch PCB Pin Header VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
P12	072-00005	1x1 2.54mm pitch PCB Pin Header VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
P13	072-00005	1x1 2.54mm pitch PCB Pin Header VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
P14	072-00005	1x1 2.54mm pitch PCB Pin Header VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
P21	072-00005	1x1 2.54mm pitch PCB Pin Header VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
P22	072-00005	1x1 2.54mm pitch PCB Pin Header VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
P29	072-00005	1x1 2.54mm pitch PCB Pin Header VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
P30	072-00005	1x1 2.54mm pitch PCB Pin Header VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
P31	072-00005	1x1 2.54mm pitch PCB Pin Header VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
P32	072-00005	1x1 2.54mm pitch PCB Pin Header VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
P33	072-00005	1x1 2.54mm pitch PCB Pin Header VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
P34	072-00005	1x1 2.54mm pitch PCB Pin Header VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
P35	072-00005	1x1 2.54mm pitch PCB Pin Header VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
P36	072-00005	1x1 2.54mm pitch PCB Pin Header VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
P37	072-00005	1x1 2.54mm pitch PCB Pin Header VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
P38	072-00005	1x1 2.54mm pitch PCB Pin Header VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
P39	072-00005	1x1 2.54mm pitch PCB Pin Header VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
P40	072-00005	1x1 2.54mm pitch PCB Pin Header VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
P41	072-00005	1x1 2.54mm pitch PCB Pin Header VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
P42	072-00005	1x1 2.54mm pitch PCB Pin Header VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
P43	072-00005	1x1 2.54mm pitch PCB Pin Header VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
P44	072-00005	1x1 2.54mm pitch PCB Pin Header VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
P45	072-00005	1x1 2.54mm pitch PCB Pin Header VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
P46	072-00005	1x1 2.54mm pitch PCB Pin Header VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
P49	072-00005	1x1 2.54mm pitch PCB Pin Header VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
P50	072-00005	1x1 2.54mm pitch PCB Pin Header VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
P55	072-00005	1x1 2.54mm pitch PCB Pin Header VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
P56	072-00005	1x1 2.54mm pitch PCB Pin Header VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
H7	072-00010	1x3 2.54mm Header Vertical	Harwin	M20-9990345	Farnell	102-2248	Populated	
H8	072-00010	1x3 2.54mm Header Vertical	Harwin	M20-9990345	Farnell	102-2248	Populated	
H9	072-00010	1x3 2.54mm Header Vertical	Harwin	M20-9990345	Farnell	102-2248	Populated	
H13	072-00010	1x3 2.54mm Header Vertical	Harwin	M20-9990345	Farnell	102-2248	Populated	
H14	072-00010	1x3 2.54mm Header Vertical	Harwin	M20-9990345	Farnell	102-2248	Populated	
H15	072-00010	1x3 2.54mm Header Vertical	Harwin	M20-9990345	Farnell	102-2248	Populated	
J1	071-00063	SMB Connector PCB Mount 50 Ohm HORIZONTAL	Tyco Electronics	1-1337481-0	Farnell	121-2895	Populated	
J2	071-00063	SMB Connector PCB Mount 50 Ohm HORIZONTAL	Tyco Electronics	1-1337481-0	Farnell	121-2895	Populated	
J6	071-00063	SMB Connector PCB Mount 50 Ohm HORIZONTAL	Tyco Electronics	1-1337481-0	Farnell	121-2895	Populated	
J7	071-00063	SMB Connector PCB Mount 50 Ohm HORIZONTAL	Tyco Electronics	1-1337481-0	Farnell	121-2895	Populated	
MSC1	003-00021	Lead-free label, 15mm round	Pro Power	7827260	Farnell	171-7257	Populated	
C3	016-00002	0.1uF 0603 SMD Ceramic Capacitor 16V X7R	Phycomp	2238 786 15649	Farnell	432210	Populated	
C4	016-00002	0.1uF 0603 SMD Ceramic Capacitor 16V X7R	Phycomp	2238 786 15649	Farnell	432210	Populated	
C5	016-00002	0.1uF 0603 SMD Ceramic Capacitor 16V X7R	Phycomp	2238 786 15649	Farnell	432210	Populated	
C8	016-00002	0.1uF 0603 SMD Ceramic Capacitor 16V X7R	Phycomp	2238 786 15649	Farnell	432210	Populated	
C10	016-00002	0.1uF 0603 SMD Ceramic Capacitor 16V X7R	Phycomp	2238 786 15649	Farnell	432210	Populated	
C11	016-00002	0.1uF 0603 SMD Ceramic Capacitor 16V X7R	Phycomp	2238 786 15649	Farnell	432210	Populated	
C13	016-00002	0.1uF 0603 SMD Ceramic Capacitor 16V X7R	Phycomp	2238 786 15649	Farnell	432210	Populated	
C14	016-00002	0.1uF 0603 SMD Ceramic Capacitor 16V X7R	Phycomp	2238 786 15649	Farnell	432210	Populated	
C15	016-00002	0.1uF 0603 SMD Ceramic Capacitor 16V X7R	Phycomp	2238 786 15649	Farnell	432210	Populated	
C16	016-00002	0.1uF 0603 SMD Ceramic Capacitor 16V X7R	Phycomp	2238 786 15649	Farnell	432210	Populated	
C17	016-00002	0.1uF 0603 SMD Ceramic Capacitor 16V X7R	Phycomp	2238 786 15649	Farnell	432210	Populated	
C23	016-00001	0.01uF 0603 SMD Ceramic Capacitor 50V X7R	Phycomp	2238 586 15636	Farnell	722-236	Populated	
TP1	079-00002	1.32mm PCB Test Terminal BLACK	Vero	20-2136	Farnell	873-1195	Populated	
TP2	079-00002	1.32mm PCB Test Terminal BLACK	Vero	20-2136	Farnell	873-1195	Populated	

TP3	079-00002	1.32mm PCB Test Terminal BLACK	Vero	20-2136	Farnell	873-1195	Populated	
TP4	079-00002	1.32mm PCB Test Terminal BLACK	Vero	20-2136	Farnell	873-1195	Populated	
R4	022-00004	10k 0603 SMD chip resistor 1% 0.063W	Multicomp	MC 0.063W 0603 1% 10K	Farnell	933-0399	Populated	
R7	022-00004	10k 0603 SMD chip resistor 1% 0.063W	Multicomp	MC 0.063W 0603 1% 10K	Farnell	933-0399	Populated	
R14	022-00004	10k 0603 SMD chip resistor 1% 0.063W	Multicomp	MC 0.063W 0603 1% 10K	Farnell	933-0399	Populated	
R16	022-00004	10k 0603 SMD chip resistor 1% 0.063W	Multicomp	MC 0.063W 0603 1% 10K	Farnell	933-0399	Populated	
R9	022-00040	0R 0805 SMD chip resistor 1% 0.1W	Multicomp	MC 0.1W 0805 0R	Farnell	933-3681	Populated	
R10	022-00040	0R 0805 SMD chip resistor 1% 0.1W	Multicomp	MC 0.1W 0805 0R	Farnell	933-3681	Populated	
R11	022-00040	0R 0805 SMD chip resistor 1% 0.1W	Multicomp	MC 0.1W 0805 0R	Farnell	933-3681	Populated	
C24	016-00028	1uF 0805 SMD Ceramic Capacitor 10V X7R	Multicomp	N0805R105KCT	Farnell	940-6301	Populated	
R19	022-00108	49R9 0805 SMD chip resistor 1% 0.125W	Rohm	MCR10EZHEF49R9	Flint	MCR10EZHEF49R9	Populated	
R20	022-00108	49R9 0805 SMD chip resistor 1% 0.125W	Rohm	MCR10EZHEF49R9	Flint	MCR10EZHEF49R9	Populated	
LNK H4	004-00004	0.1" CLOSED JUMPER LINK YELLOW	Protech	22-3590	Rapid	22-3590	Populated	
LNK H5	004-00004	0.1" CLOSED JUMPER LINK YELLOW	Protech	22-3590	Rapid	22-3590	Populated	
LNK H6	004-00004	0.1" CLOSED JUMPER LINK YELLOW	Protech	22-3590	Rapid	22-3590	Populated	
LNK H7	004-00004	0.1" CLOSED JUMPER LINK YELLOW	Protech	22-3590	Rapid	22-3590	Populated	
LNK H8	004-00004	0.1" CLOSED JUMPER LINK YELLOW	Protech	22-3590	Rapid	22-3590	Populated	
LNK H9	004-00004	0.1" CLOSED JUMPER LINK YELLOW	Protech	22-3590	Rapid	22-3590	Populated	
LNK H11	004-00004	0.1" CLOSED JUMPER LINK YELLOW	Protech	22-3590	Rapid	22-3590	Populated	
LNK H12	004-00004	0.1" CLOSED JUMPER LINK YELLOW	Protech	22-3590	Rapid	22-3590	Populated	
LNK H13	004-00004	0.1" CLOSED JUMPER LINK YELLOW	Protech	22-3590	Rapid	22-3590	Populated	
LNK H14	004-00004	0.1" CLOSED JUMPER LINK YELLOW	Protech	22-3590	Rapid	22-3590	Populated	
LNK H15	004-00004	0.1" CLOSED JUMPER LINK YELLOW	Protech	22-3590	Rapid	22-3590	Populated	
J3	071-00116	RUGGED HIGH SPEED SOCKET, .025"(.635mm) PITCH, 32 PINS, DIFFERENTIAL	Samtec	QFS-016-01-H-D-DP-A	Samtec	QFS-016-01-H-D-DP-A	Populated	Mates with CON 2X16 SM SAMTEC QMS-016-01-H-D-DP-A
PCB1	001-00850	PCB	TBA	WM8232-6179-FL56-M-REV1	Wolfson Microelectronics	WM8232-6179-FL56-M-REV1	Populated	
U1	091-00233	ADC 16-bit 3-Channel AFE with TG, LVDS	Cirrus Logic	WM8231GEFL	Wolfson Microelectronics	WM8232GEFL	Populated	
UNPOP								
J4	071-00044	FSI-140 connector mating footprint					Unpop	
J5	071-00044	FSI-140 connector mating footprint					Unpop	
C1	014-00001	10uF 10V SMD Tantalum Capacitor case A	Kemet	T491A106K010AT	Farnell	1457413	Unpop	
C2	014-00001	10uF 10V SMD Tantalum Capacitor case A	Kemet	T491A106K010AT	Farnell	1457413	Unpop	
RefDes	Wcode	Description	Manufacturer	Manufacturer's Part Number	Distributor	Distributor Order Code	Pop/Unpop	Notes
H1	073-00001	1x2 PCB Pin Header 0.1" VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
H2	073-00001	1x2 PCB Pin Header 0.1" VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
H3	073-00001	1x2 PCB Pin Header 0.1" VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
H4	073-00001	1x2 PCB Pin Header 0.1" VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
H5	073-00001	1x2 PCB Pin Header 0.1" VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
H6	073-00001	1x2 PCB Pin Header 0.1" VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
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H11	073-00001	1x2 PCB Pin Header 0.1" VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
H12	073-00001	1x2 PCB Pin Header 0.1" VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
H16	073-00001	1x2 PCB Pin Header 0.1" VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
P1	072-00005	1x1 2.54mm pitch PCB Pin Header VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
P2	072-00005	1x1 2.54mm pitch PCB Pin Header VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
P3	072-00005	1x1 2.54mm pitch PCB Pin Header VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
P4	072-00005	1x1 2.54mm pitch PCB Pin Header VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
P5	072-00005	1x1 2.54mm pitch PCB Pin Header VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
P6	072-00005	1x1 2.54mm pitch PCB Pin Header VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
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P8	072-00005	1x1 2.54mm pitch PCB Pin Header VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	
P9	072-00005	1x1 2.54mm pitch PCB Pin Header VERTICAL	Harwin	M20-9990245	Farnell	102-2245	Populated	