

BOM: 050812_001C

Date 11-15-16

Item	Qty/Brd	Ref. Design	Value	Footprint	Description	Manf. Part #	Distributor	Distributor Part #
1	3	C1, C2, C3	0.1 uF	0402	CAP CER 0.1UF 16V Y5V 0402	CC0402ZRY5V7BB104	Digikey	311-1047-1-ND
2	1	IC2	op amp	SOT23-6	IC OPAMP R-R I/O 165MHZ SOT-23-6	LT6200CS6#TRMPBFCT-ND	Digikey	LT6200CS6#TRMPBFCT-ND
3	1	R1	6.8 k Ω	0402	RES 6.80k ohm 1/16 W 1% 0402 SMD	CRCW04026K80FKED	Digikey	541-6.80KLCT-ND
4	1	R2	11.5 k Ω	0402	RES 11.5k ohm 1/16 W 1% 0402 SMD	CRCW040211k5FKED	Digikey	541-11.5KLCT-ND
5	1	R3	3.74 M Ω	0402	RES 3.74M ohm 1/16 W 1% 0402 SMD	CRCW04023M74FKED	Digikey	541-3.74MLCT-ND
6	1	R4	120 Ω	0402	RES SMD 120 OHM 1% 1/16W 0402	CRCW0402120RFKED	Digikey	541-120LCT-ND
7	1	R5, R6, R7, R8	0 Ω	0402	RES 0.0 OHM 1/16W 0402 SMD	CRCW04020000Z0ED	Digikey	541-0.0JCT-ND
8	1	U\$1	IC	QFN56	fully-integrated multi-channel amplifier	RHA2132	Intan Tech	RHA2132
9	1	U\$2	connector	-	nano-miniature connector	NSD-36-AA-GS	Omnetics	NSD-36-AA-GS
10	1	U\$7	connector	-	nano-miniature connector	NPD-08-AA-GS	Omnetics	NPD-08-AA-GS

Parts in red are not to be populated