



Title: CN0357 Shield BOM

Rev: C

Date: 5/5/2016

Quantity	Reference Designator(s)	Value	Voltage	Tolerance	Package	Manufacturer	Manufacturer Part Number
2	C1,C11	1UF	16V	10	C0603	MURATA	GRM188R61C105KA93D
9	C2,C5,C7,C10,C15,C18,C20-C22	0.1uF	16V	10	C0603	KEMET	C0603C104K4RAC
1	C12	1uF	16V	20	C0805-4P	MURATA	NFM21PC105B1C3B
3	C13,C14,C19	1UF	25V	10	C0603	MURATA	GRM188R61E105KA12D
2	C6,C16	4.7UF	25V	10	C0805	MURATA	GRM21BR61E475KA12L
2	C3,C4	0.022uF	50V	10	C0603	AVX	06035C223KAZ2A
1	C8	0.022uF	50V	10	C0805	MURATA	GRM216R71H223KA01D
1	C9	10uF	6.3V	20	C0805	TAIYO YUDEN	JMK212BJ106MG-T
1	C17	5600pF	16V		C0805	AVX	0805YA562JAT2A
4	R1-R3,R7	12.4K		1	R0603	PANASONIC	ERJ-3EKF1242V
2	R11,R12	3.3K		1	R0603	MULTICOMP	MC 0.063W 0603 1% 3K3.
1	R13	150		1	R0603	PANASONIC	ERJ-3EKF1500V
3	R14-R16	0		5	R0603	PANASONIC	ERJ-3GEY0R00V
1	R18	100K		1	R0603	PANASONIC	ERJ-3EKF1003V
1	R4	1MEG		1	R0603	PANASONIC	ERJ-3EKF1004V
1	R5	33		1	R0603	MULTICOMP	MC 0.063W 0603 1% 33R.
1	R6	165		1	R0603	PANASONIC	ERJ-3EKF1650V
1	R9	100K		1	R0805	PANASONIC	ERJ-6ENF1003V
1	R19	4.7K		1	R0603	PANASONIC	ERJ-3EKF4701V
1	RN1	47		5	RESNET16	PANASONIC	EXB-2HV470JV
1	CR1	1SMB5927BT3G	12V	N/A	DO214AA	ON SEMICONDUCTOR	1SMB5927BT3G
1	DS1	SML-LX0603GW-TR	2.2V	N/A	LED0603-2	LUMEX	SML-LX0603GW-TR
1	E1	330OHM		25	L0805	MURATA	BLM21PG331SN1D
1	F1	0.35A	6V		F1210	LITTELFUSE	1210L035YR
1	ANALOG	SSQ-106-03-G-S			CNSAMTECSSQ-106-03-G-S	SAMTEC	SSQ-106-03-G-S
2	DIGIO,POWER	SSQ-108-03-G-S			CNSAMTECSSQ-108-03-G-S	SAMTEC	SSQ-108-03-G-S
1	DIGI1	SSQ-110-03-G-S			CNSAMTECSSQ-110-03-G-S	SAMTEC	SSQ-110-03-G-S
1	ICSP	SSQ-103-03-G-D			CNSAMTECSSQ-103-03-G-D	SAMTEC	SSQ-103-03-G-D
2	AD5270_CS,AD7790_CS	TSW-103-08-G-D			CNSAMTEC2X3H330LD36	SAMTEC	TSW-103-08-G-D
1	Q1	MMBFJ270	30V		SOT23	FAIRCHILD SEMICONDUCTOR	MMBFJ270
1	A1	ADA4528-2ARMZ			MSOP8	ADI	ADA4528-2ARMZ

1	A2	AD8500AKSZ			SC70-5	ADI	AD8500AKSZ
1	U1	ADR3412ARJZ			SOT23_6-2	ADI	ADR3412ARJZ
1	U2	ADP7102ARDZ-3.3-R7			SO8NB-PAD3_1X2_41	ADI	ADP7102ARDZ-3.3-R7
1	U3	AD5270BRMZ-20			RM10	ADI	AD5270BRMZ-20
1	U4	AD7790BRMZ			RM10	ADI	AD7790BRMZ
1	U5	TXB0108PWR			TSSOP20	TEXAS INSTRUMENTS	TXB0108PWR

Mechanical Parts (Sockets for M1)

4		0327-0-15-15-34-27-10-0				MILL-MAX	0327-0-15-15-34-27-10-0
4		0667-0-15-15-30-27-10-0				MILL-MAX	0667-0-15-15-30-27-10-0
4		0364-0-15-15-13-27-10-0				MILL-MAX	0364-0-15-15-13-27-10-0

The following components are included but not installed

1	M1	CO-AX			Gas Sensor	ALPHASENSE	CO-AX
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The following components are not included/installed

4	3V3,REF,GND1,GND2	Test Point			CNKEY5001TP	KEYSTONE ELECTRONICS CORP	5002
2	R8,R10				R0805		
1	R17	0			R0603	PANASONIC	ERJ-3GEY0R00V