8 7 6 5 4 3 2 1

D C B A

+15VS HDRV +15VS SW4 SW3 SW2 SW1 TILT -12V SH-SIZE SMOD OSD-SCL OSD-SDA H-OUT V-OUT +12V U-LOCK

Q517 Q521 Q503 RN1206 Q504 RN1206 Q518 Q501 2SC5521 Q502 2SK941 Q510 Q511 2SC945 Q512 2SA733 Q505 2SC945 Q506 2SC945 Q507 2SA733 Q508 2SA733 Q509 2SA733 Q802 2SC1213 Q801 2SB857 Q831 Q810 IRFS630A Q809 IRFS630A Q514 2SC945 Q513 IRFS640A Q509-B Q401 2SC945 Q402 2SC945 Q403 2SC945 Q404 2SA733 Q840 2SA733 Q841 2SC1627 Q842 2SB647 Q843 2SD667 Q850 BF423 Q807 BF423 Q601 BF420 Q808 2SA733 Q820 2SC945

T501 FBT P801 H-DY P802 L801 18.5Ts L802 12.5Ts L803 6mH L804 BEAD L805 120uH L806 BEAD L501 145uH L502 BEAD T801 P803 P804 RL801 U6016 TDA8172 TDA9112

D501 ER304 D502 1N5317 D503 1N4148 D504 1N4937 D505 1N4937 D506 1N4148 D507 1N4148 D508 1N4148 D509 1N4148 D510 1N4148 D511 1N4148 D512 1N4148 D513 D514 D515 D520 1N4148 D521 D522 D526 100 D527 10K D528 D529 680 5W D530 2.2K D531 100 D532 3.3K D533 3.3K D536 1 2W D535 1 2W D538 D539 D540 100K 1W D541 D542 2W D543 22 1/2W D544 D545 D546 D547 820K D548 D549 D550 D551 D552 D553 D554 D555 D556 D557 1K D558 1K D559 D560 D561 D562 D563 D564 D565 D566 D567 D568 D569 D570 47 D571 D572 D573 D574 D575 D576 D577 D578 D579 D580 D581 D582 D583 D584 D585 D586 D587 D588 D589 D590 D591 D592 D593 D594 D595 D596 D597 D598 D599 D600 D601 FR10-04 D602 1N4148 D603 D604 D605 1N4148 D606 1N4148 D607 D608 D609 FR105 D610 FR10-04 D611 D612 D613 D614 D615 D616 D617 D618 D619 D620 D621 D622 D623 D624 D625 D626 D627 D628 D629 D630 D631 D632 D633 D634 D635 D636 D637 D638 D639 D640 D641 D642 D643 D644 D645 D646 D647 D648 D649 D650 D651 D652 D653 D654 D655 D656 D657 D658 D659 D660 D661 D662 D663 D664 D665 D666 D667 D668 D669 D670 D671 D672 D673 D674 D675 D676 D677 D678 D679 D680 D681 D682 D683 D684 D685 D686 D687 D688 D689 D690 D691 D692 D693 D694 D695 D696 D697 D698 D699 D700 D701 D702 D703 D704 D705 D706 D707 D708 D709 D710 D711 D712 D713 D714 D715 D716 D717 D718 D719 D720 D721 D722 D723 D724 D725 D726 D727 D728 D729 D730 D731 D732 D733 D734 D735 D736 D737 D738 D739 D740 D741 D742 D743 D744 D745 D746 D747 D748 D749 D750 D751 D752 D753 D754 D755 D756 D757 D758 D759 D760 D761 D762 D763 D764 D765 D766 D767 D768 D769 D770 D771 D772 D773 D774 D775 D776 D777 D778 D779 D780 D781 D782 D783 D784 D785 D786 D787 D788 D789 D790 D791 D792 D793 D794 D795 D796 D797 D798 D799 D800 D801 C023M-15 D802 D803 D804 D805 UF4001 D806 UF4001 D807 D808 UF4007 D809 D810 D811 1N4148 D812 D813 D814 D815 D816 D817 D818 D819 D820 D821 D822 D823 D824 D825 D826 D827 D828 D829 D830 D831 D832 D833 D834 D835 D836 D837 D838 D839 D840 1N4148 D841 1N4148 D842 D843 D844 D845 D846 D847 D848 D849 D850 D851 D852 D853 D854 D855 D856 D857 D858 D859 D860 D861 D862 D863 D864 D865 D866 D867 D868 D869 D870 D871 D872 D873 D874 D875 D876 D877 D878 D879 D880 D881 D882 D883 D884 D885 D886 D887 D888 D889 D890 D891 D892 D893 D894 D895 D896 D897 D898 D899 D900 D901 D902 D903 D904 D905 D906 D907 D908 D909 D910 D911 D912 D913 D914 D915 D916 D917 D918 D919 D920 D921 D922 D923 D924 D925 D926 D927 D928 D929 D930 D931 D932 D933 D934 D935 D936 D937 D938 D939 D940 D941 D942 D943 D944 D945 D946 D947 D948 D949 D950 D951 D952 D953 D954 D955 D956 D957 D958 D959 D960 D961 D962 D963 D964 D965 D966 D967 D968 D969 D970 D971 D972 D973 D974 D975 D976 D977 D978 D979 D980 D981 D982 D983 D984 D985 D986 D987 D988 D989 D990 D991 D992 D993 D994 D995 D996 D997 D998 D999 D1000

R501 15 2W R502 150 1W R503 33 1/2W R504 R505 1 1W R506 1 1W R507 10K R508 2.2K R509 2.2K R510 22 R511 10K R512 22 R513 10K R514 10K R515 47 R516 10K R517 4.7K R518 2K R519 560 1/2W R520 82 2W R521 3.32K 1% R522 1K 1% R523 18.2K 1% R524 R525 R526 100 R527 10K R528 R529 680 5W R530 2.2K R531 100 R532 3.3K R533 3.3K R534 R535 1 2W R536 1 2W R537 5.1 1W R538 R539 R540 100K 1W R541 R542 2W R543 22 1/2W R544 R545 2.2K R546 4.7K 1/8W R547 820K R548 R549 R550 R551 R552 R553 R554 R555 R556 R557 1K R558 1K R559 R560 R561 R562 R563 R564 R565 R566 R567 R568 R569 R570 47 R571 R572 R573 R574 R575 R576 R577 R578 R579 R580 R581 R582 R583 R584 R585 R586 R587 R588 R589 R590 R591 R592 R593 R594 R595 R596 R597 R598 R599 R600 R601 6.8 1W R602 1K 1% R603 2.4K R604 6.2K 1% R605 4.3K 1% R606 R607 2.2 R608 270 1/2W R609 1 1W R610 10K R611 10K R612 22K R613 47K R614 1/2W R615 R616 R617 100 1/8W R618 19K R619 15K 1/8W R620 R621 820 R622 R623 R624 R625 R626 R627 R628 R629 R630 R631 10K R632 12K R633 820K R634 R635 100 R636 R637 R638 R639 R640 R641 R642 R643 R644 R645 100 R646 33 R647 15K 1/2W R648 R649 R650 R651 4.7K R652 R653 R654 18K R655 R656 R657 R658 R659 R660 R661 150K 1/2W R662 R663 R664 R665 R666 R667 R668 R669 R670 R671 R672 R673 R674 R675 R676 R677 R678 R679 R680 R681 R682 R683 R684 R685 R686 R687 R688 R689 R690 R691 R692 R693 R694 R695 R696 R697 R698 R699 R700 R701 R702 R703 R704 R705 R706 R707 R708 R709 R710 R711 R712 R713 R714 R715 R716 R717 R718 R719 R720 R721 R722 R723 R724 R725 R726 R727 R728 R729 R730 R731 R732 R733 R734 R735 R736 R737 R738 R739 R740 R741 R742 R743 R744 R745 R746 R747 R748 R749 R750 R751 R752 R753 R754 R755 R756 R757 R758 R759 R760 R761 R762 R763 R764 R765 R766 R767 R768 R769 R770 R771 R772 R773 R774 R775 R776 R777 R778 R779 R780 R781 R782 R783 R784 R785 R786 R787 R788 R789 R790 R791 R792 R793 R794 R795 R796 R797 R798 R799 R800 R801 10 R802 10 R803 R804 R805 330 1W R806 33 1W R807 33 1W R808 10 1/2W R809 10 R810 1K R811 22K R812 10K R813 2.2K R814 .068U MEF R815 .022U MEF R816 22 1/8W R817 100 1/8W R818 19K R819 R820 150K R821 820 R822 120P R823 10K R824 R825 R826 R827 47K R828 45.3K 1% R829 7.5K R830 220K 1/2W R831 10K R832 12K R833 R834 47K R835 100 R836 10K R837 R838 1K 1% R839 1/2W R840 R841 R842 3.9K R843 36K R844 R845 R846 R847 R848 R849 22 R850 R851 R852 2.7K R853 5.5K R854 R855 R856 3K R857 R858 R859 R860 R861 R862 R863 R864 R865 R866 R867 R868 R869 R870 R871 R872 R873 R874 R875 R876 R877 R878 R879 R880 R881 R882 R883 R884 R885 R886 R887 R888 R889 R890 R891 R892 R893 R894 R895 R896 R897 R898 R899 R900 R901 R902 R903 R904 R905 R906 R907 R908 R909 R910 R911 R912 R913 R914 R915 R916 R917 R918 R919 R920 R921 R922 R923 R924 R925 R926 R927 R928 R929 R930 R931 R932 R933 R934 R935 R936 R937 R938 R939 R940 R941 R942 R943 R944 R945 R946 R947 R948 R949 R950 R951 R952 R953 R954 R955 R956 R957 R958 R959 R960 R961 R962 R963 R964 R965 R966 R967 R968 R969 R970 R971 R972 R973 R974 R975 R976 R977 R978 R979 R980 R981 R982 R983 R984 R985 R986 R987 R988 R989 R990 R991 R992 R993 R994 R995 R996 R997 R998 R999 R1000

C501 100U 25V C502 .47U MEF 50V C503 .01U C504 1U C505 2200P C506 1000P C507 .01U C508 4.7U 50V C509 560P 500V C510 47U 250V C511 .047U 250V MEF C512 2.2U 16V C513 .1U C514 .1U C515 .01U C516 C517 C518 22U 160V C519 C520 1000P C521 C522 4.7U 16V NP C523 .022U MEF 50V C524 C525 C526 .01U C527 22P C528 220P C529 C530 .22U MEF C531 C532 C533 C534 C535 C536 C537 C538 C539 C540 C541 C542 C543 C544 C545 C546 C547 C548 C549 C550 C551 C552 C553 C554 C555 C556 C557 C558 C559 C560 C561 C562 C563 C564 C565 C566 C567 C568 C569 C570 C571 C572 C573 C574 C575 C576 C577 C578 C579 C580 C581 C582 C583 C584 C585 C586 C587 C588 C589 C590 C591 C592 C593 C594 C595 C596 C597 C598 C599 C600 C601 .01U C602 470U 25V C603 100U 25V C604 .01U C605 1000U 16V C606 .22U MEF C607 .001U 50V MEF C608 .1U 250V MEF C609 .01U C610 .01U C611 C612 22U 50V C613 22U 50V C614 .068U MEF C615 .022U MEF C616 .015U 1KV PPN C617 C618 22U 160V C619 100P C620 100U 16V C621 1U 50V NP C622 120P C623 C624 1U 50V C625 160V C626 C627 C628 C629 C630 C631 C632 C633 C634 C635 C636 C637 C638 C639 C640 10U C641 .01U C642 22U 100V C643 1U 100V C644 C645 C646 C647 C648 C649 C650 C651 100V 47U C652 10 50V C653 50V 1U C654 10U 100V C655 2u2 16V C656 C657 C658 C659 C660 C661 1000P 1KV C662 C663 C664 C665 C666 C667 C668 C669 C670 C671 C672 C673 C674 C675 C676 C677 C678 C679 C680 C681 C682 C683 C684 C685 C686 C687 C688 C689 C690 C691 C692 C693 C694 C695 C696 C697 C698 C699 C700 C701 C702 .01U C703 C704 C705 C706 C707 C708 C709 C710 C711 C712 C713 C714 C715 C716 C717 C718 C719 C720 C721 C722 C723 C724 C725 C726 C727 C728 C729 C730 C731 C732 C733 C734 C735 C736 C737 C738 C739 C740 C741 C742 C743 C744 C745 C746 C747 C748 C749 C750 C751 C752 C753 C754 C755 C756 C757 C758 C759 C760 C761 C762 C763 C764 C765 C766 C767 C768 C769 C770 C771 C772 C773 C774 C775 C776 C777 C778 C779 C780 C781 C782 C783 C784 C785 C786 C787 C788 C789 C790 C791 C792 C793 C794 C795 C796 C797 C798 C799 C800 C801 .0075U 1.6KV MPM C802 .022U 1KV MPM C803 .0068U 1KV MPM C804 .33 400V MPA C805 2200P 1KV C806 .33 400V MPA C807 .27 400V MPP C808 .15 400V MPP C809 1U 250V MPP C810 .01U C811 2.2U 63V MEF C812 22U 50V C813 22U 50V C814 .068U MEF C815 .022U MEF C816 .015U 1KV PPN C817 C818 22U 160V C819 15K 1/8W C820 100U 16V C821 1U 50V NP C822 120P C823 C824 1U 50V C825 160V C826 C827 C828 C829 C830 C831 250V MPP C832 C833 C834 C835 C836 C837 C838 C839 C840 10U C841 .01U C842 22U 100V C843 1U 100V C844 C845 C846 C847 C848 C849 C850 C851 100V 47U C852 10 50V C853 50V 1U C854 10U 100V C855 2u2 16V C856 C857 C858 C859 C860 C861 1000P 1KV C862 C863 C864 C865 C866 C867 C868 C869 C870 C871 C872 C873 C874 C875 C876 C877 C878 C879 C880 C881 C882 C883 C884 C885 C886 C887 C888 C889 C890 C891 C892 C893 C894 C895 C896 C897 C898 C899 C900 C901 C902 .01U C903 .0068U 1KV MPM C904 C905 C906 1000P 50V MEF C907 C908 C909 50V MEF C910 .01U C911 2.2U 63V MEF C912 4.7U 16V C913 C914 C915 C916 C917 C918 22U 160V C919 100P C920 C921 C922 C923 C924 C925 C926 C927 C928 C929 C930 C931 C932 C933 C934 C935 C936 C937 C938 C939 C940 C941 C942 C943 C944 C945 C946 C947 C948 C949 C950 C951 C952 C953 C954 C955 C956 C957 C958 C959 C960 C961 C962 C963 C964 C965 C966 C967 C968 C969 C970 C971 C972 C973 C974 C975 C976 C977 C978 C979 C980 C981 C982 C983 C984 C985 C986 C987 C988 C989 C990 C991 C992 C993 C994 C995 C996 C997 C998 C999 C1000

U402 7812 U6016 TDA8172 TDA9112

VFOCUS SDA SCL VCC B+OUT GND HOUT XRAY ENOUT VOUT VCAP VGND VGCAP VRB VEHTCOMP HEHTCOMP H/EVIN VSYNCIN HLOCKOUT & VBLK FC1 PLL2C C0 HGND R0 PLL1F H Position HV Focus HFLY HREF COMP REGIN ISENSE

FOCUS MUTE SMOD HDRV

+56V +12V -150V +100V +60V -13V

H.V. G4 G2 SG1 1.5KV SG2 SG3 D-FOCUS -150V FOCUS BRI. G1-ADJ G1 SUB-BRI CONTRAST ABL G2 V-DY V-OUT YOKE V-DY

JP-ST P501

FOR 456A39-01,-02,-03,-04
446A39-01,-02,-03

COMPAL ELECTRONICS, INC.

FIRST APPLICATION

Title: SCHEMATIC, DEF & POW/B VA-713

MODEL NO. MM700

SIZE A3 | DOCUMENT NUMBER 406A39 | REV 1C

Date: 2000-10-05 | Sheet 2 of 4

MP700

UNCONTROLLED DOCUMENT